

# SAFETY DATA SHEET



Waters TQD/Q-Premier/XE/Q-Micro kit, Part Number MV-W-700002646

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier**

|                                |                                                                   |                 |
|--------------------------------|-------------------------------------------------------------------|-----------------|
| <b>Product name</b>            | : Waters TQD/Q-Premier/XE/Q-Micro kit, Part Number MV-W-700002646 |                 |
| <b>CAS number</b>              | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4   | 50-55-5         |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5   | 17629-30-0      |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6   | 68-96-2         |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7   | 56-75-7         |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9   | 122-11-2        |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1   | Not applicable. |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2   | Not applicable. |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3   | Not applicable. |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8   | Not applicable. |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10  |                 |
| <b>Part no. (chemical kit)</b> | : MV-W-700002646                                                  |                 |
| <b>Part no.</b>                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4   | 700002646-4     |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5   | 700002646-5     |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6   | 700002646-6     |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7   | 700002646-7     |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9   | 700002646-9     |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1   | 700002646-1     |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2   | 700002646-2     |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3   | 700002646-3     |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8   | 700002646-8     |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10  | 700002646-10    |

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses** : Reagents and Standards for Analytical Chemistry Laboratory Use

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

|                                                                |           |
|----------------------------------------------------------------|-----------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4  | 1 x 5 mg  |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5  | 1 x 10 mg |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6  | 1 x 10 mg |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7  | 1 x 50 mg |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9  | 1 x 5 mg  |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  | 1 x 15 ml |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2  | 1 x 10 ml |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3  | 1 x 10 ml |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  | 1 x 10 ml |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 | 1 x 15 ml |

Uses advised against : None known.

**1.3 Details of the supplier of the safety data sheet**

Agilent Technologies Deutschland GmbH  
 Hewlett-Packard-Str. 8  
 76337 Waldbronn  
 Germany  
 0800 603 1000

e-mail address of person responsible for this SDS : pdl-msds\_author@agilent.com

**1.4 Emergency telephone number**

Emergency telephone number (with hours of operation) : CHEMTREC®: +(44)-870-8200418

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

|                    |   |                                                               |                            |
|--------------------|---|---------------------------------------------------------------|----------------------------|
| Product definition | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | Mono-constituent substance |
|                    |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 | Mono-constituent substance |
|                    |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 | Mono-constituent substance |
|                    |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 | Mono-constituent substance |
|                    |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 | Mixture                    |
|                    |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 | Mixture                    |

**SECTION 2: Hazards identification**

Standards Test Kit, #2  
 TQD/Q-Premier/XE/Q- Mixture  
 Micro Qualification  
 Standards Test Kit, #3  
 TQD/Q-Premier/XE/Q- Mixture  
 Micro Qualification  
 Standards Test Kit, #8  
 TQD/Q-Premier/XE/Q- Mixture  
 Micro Qualification  
 Standards Test Kit, #10

**Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

**TQD/Q-Premier/XE/Q-  
 Micro Qualification  
 Standards Test Kit, #4**

H302 ACUTE TOXICITY (oral) Category 4

**TQD/Q-Premier/XE/Q-  
 Micro Qualification  
 Standards Test Kit, #6**

H411 LONG-TERM (CHRONIC) AQUATIC HAZARD Category 2

**TQD/Q-Premier/XE/Q-  
 Micro Qualification  
 Standards Test Kit, #7**

H350 CARCINOGENICITY Category 1B  
 H400 SHORT-TERM (ACUTE) AQUATIC HAZARD Category 1  
 H412 LONG-TERM (CHRONIC) AQUATIC HAZARD Category 3

**TQD/Q-Premier/XE/Q-  
 Micro Qualification  
 Standards Test Kit, #9**

H317 SKIN SENSITISATION Category 1

**TQD/Q-Premier/XE/Q-  
 Micro Qualification  
 Standards Test Kit, #1**

H225 FLAMMABLE LIQUIDS Category 2  
 H302 ACUTE TOXICITY (oral) Category 4  
 H319 SERIOUS EYE DAMAGE/EYE IRRITATION Category 2

**TQD/Q-Premier/XE/Q-  
 Micro Qualification  
 Standards Test Kit, #2**

H225 FLAMMABLE LIQUIDS Category 2  
 H302 ACUTE TOXICITY (oral) Category 4  
 H319 SERIOUS EYE DAMAGE/EYE IRRITATION Category 2

**TQD/Q-Premier/XE/Q-  
 Micro Qualification  
 Standards Test Kit, #3**

H225 FLAMMABLE LIQUIDS Category 2  
 H302 ACUTE TOXICITY (oral) Category 4  
 H319 SERIOUS EYE DAMAGE/EYE IRRITATION Category 2

**TQD/Q-Premier/XE/Q-  
 Micro Qualification  
 Standards Test Kit, #8**

H225 FLAMMABLE LIQUIDS Category 2  
 H319 SERIOUS EYE DAMAGE/EYE IRRITATION Category 2  
 H336 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE Category 3  
 (Narcotic effects)

**SECTION 2: Hazards identification**

**TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10**

|      |                                   |            |
|------|-----------------------------------|------------|
| H225 | FLAMMABLE LIQUIDS                 | Category 2 |
| H302 | ACUTE TOXICITY (oral)             | Category 4 |
| H319 | SERIOUS EYE DAMAGE/EYE IRRITATION | Category 2 |

|                                                                |                                                                                               |
|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4  | The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.     |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5  | The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6  | The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.     |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7  | The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.     |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9  | The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.     |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  | The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.     |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2  | The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.     |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3  | The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.     |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  | The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.     |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 | The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.     |

|                                        |                                                                 |                                                                                                     |
|----------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Ingredients of unknown toxicity</b> | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 | Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity: 1 - 10%     |
|                                        |                                                                 | Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 1 - 10% |
|                                        |                                                                 | Percentage of the mixture consisting of ingredient(s) of unknown acute oral toxicity: 1 - 10%       |

See Section 16 for the full text of the H statements declared above.  
 See Section 11 for more detailed information on health effects and symptoms.

**2.2 Label elements**

**SECTION 2: Hazards identification**

**Hazard pictograms**

: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4



TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6



TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7



TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9



TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1



TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2



TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3



TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8



TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10



**Signal word**

: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4

Warning

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5

No signal word.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6

No signal word.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7

Danger

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9

Warning

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1

Danger

TQD/Q-Premier/XE/Q-

Danger

**SECTION 2: Hazards identification**

|                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Hazard statements</b></p>                                 | <p>Micro Qualification Standards Test Kit, #2<br/>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3<br/>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8<br/>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4<br/>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5<br/>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6<br/>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9<br/>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</p> | <p>Danger</p> <p>Danger</p> <p>Danger</p> <p>H302 - Harmful if swallowed.</p> <p>No known significant effects or critical hazards.</p> <p>H411 - Toxic to aquatic life with long lasting effects.</p> <p>H350 - May cause cancer.</p> <p>H410 - Very toxic to aquatic life with long lasting effects.<br/>H317 - May cause an allergic skin reaction.</p> <p>H225 - Highly flammable liquid and vapour.</p> <p>H302 - Harmful if swallowed.<br/>H319 - Causes serious eye irritation.<br/>H225 - Highly flammable liquid and vapour.</p> <p>H302 - Harmful if swallowed.<br/>H319 - Causes serious eye irritation.<br/>H225 - Highly flammable liquid and vapour.</p> <p>H302 - Harmful if swallowed.<br/>H319 - Causes serious eye irritation.<br/>H225 - Highly flammable liquid and vapour.</p> <p>H319 - Causes serious eye irritation.<br/>H336 - May cause drowsiness or dizziness.<br/>H225 - Highly flammable liquid and vapour.</p> <p>H302 - Harmful if swallowed.<br/>H319 - Causes serious eye irritation.</p> |
| <p><b>Precautionary statements</b></p> <p><b>Prevention</b></p> | <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5<br/>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>P270 - Do not eat, drink or smoke when using this product.</p> <p>P264 - Wash thoroughly after handling.<br/>Not applicable.</p> <p>P273 - Avoid release to the environment.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

**SECTION 2: Hazards identification**

|                                                                                 |                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7                   | P201 - Obtain special instructions before use.<br><br>P280 - Wear protective gloves, protective clothing and eye or face protection.<br>P273 - Avoid release to the environment.<br>P280 - Wear protective gloves.                                                            |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9                   | P261 - Avoid breathing dust.<br>P280 - Wear eye or face protection.                                                                                                                                                                                                           |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1                   | P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P270 - Do not eat, drink or smoke when using this product.<br>P264 - Wash thoroughly after handling.<br>P280 - Wear eye or face protection.                          |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2                   | P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P270 - Do not eat, drink or smoke when using this product.<br>P264 - Wash thoroughly after handling.<br>P280 - Wear eye or face protection.                          |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3                   | P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P270 - Do not eat, drink or smoke when using this product.<br>P264 - Wash thoroughly after handling.<br>P280 - Wear eye or face protection.                          |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8                   | P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P261 - Avoid breathing vapour.<br>P280 - Wear eye or face protection.                                                                                                |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10                  | P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P270 - Do not eat, drink or smoke when using this product.<br>P264 - Wash thoroughly after handling.                                                                 |
| <b>Response</b> : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | Not applicable.                                                                                                                                                                                                                                                               |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5                   | Not applicable.                                                                                                                                                                                                                                                               |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6                   | P391 - Collect spillage.                                                                                                                                                                                                                                                      |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7                   | P391 - Collect spillage.                                                                                                                                                                                                                                                      |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9                   | P308 + P313 - IF exposed or concerned: Get medical advice or attention.<br>P362 + P364 - Take off contaminated clothing and wash it before reuse.<br><br>P302 + P352 - IF ON SKIN: Wash with plenty of water.<br>P333 + P313 - If skin irritation or rash occurs: Get medical |

**SECTION 2: Hazards identification**

|                 |                                                                 |                                                                                                                                                                               |
|-----------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1   | advice or attention.<br>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
|                 | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2   | P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.                         |
|                 | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3   | P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.                         |
|                 | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8   | P304 + P312 - IF INHALED: Call a POISON CENTER or doctor if you feel unwell.                                                                                                  |
|                 | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10  | P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.                         |
| <b>Storage</b>  | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | Not applicable.                                                                                                                                                               |
|                 | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5   | Not applicable.                                                                                                                                                               |
|                 | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6   | Not applicable.                                                                                                                                                               |
|                 | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7   | Not applicable.                                                                                                                                                               |
|                 | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9   | Not applicable.                                                                                                                                                               |
|                 | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1   | Not applicable.                                                                                                                                                               |
|                 | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2   | Not applicable.                                                                                                                                                               |
|                 | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3   | P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.                                                                                                |
|                 | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8   | Not applicable.                                                                                                                                                               |
|                 | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10  |                                                                                                                                                                               |
| <b>Disposal</b> | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.                                                      |
|                 | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5   | Not applicable.                                                                                                                                                               |
|                 | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6   | P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.                                                      |
|                 | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7   | P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.                                                      |
|                 | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9   | P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.                                                      |
|                 | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10  | P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.                                                      |

**SECTION 2: Hazards identification**

|                                                                      |                                                                                                                          |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Standards Test Kit, #1<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification | P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| Standards Test Kit, #2<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification | P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| Standards Test Kit, #3<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification | P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| Standards Test Kit, #8<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification | P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| Standards Test Kit, #10                                              |                                                                                                                          |

**Hazardous ingredients** :

|                                                                                                                    |              |
|--------------------------------------------------------------------------------------------------------------------|--------------|
| TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #1<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification | acetonitrile |
| Standards Test Kit, #2<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification                                               | acetonitrile |
| Standards Test Kit, #3<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification                                               | propan-2-ol  |
| Standards Test Kit, #8<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification                                               | acetonitrile |
| Standards Test Kit, #10                                                                                            |              |

**Supplemental label elements** :

|                                                                                                                    |                 |
|--------------------------------------------------------------------------------------------------------------------|-----------------|
| TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #4<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification | Not applicable. |
| Standards Test Kit, #5<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification                                               | Not applicable. |
| Standards Test Kit, #6<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification                                               | Not applicable. |
| Standards Test Kit, #7<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification                                               | Not applicable. |
| Standards Test Kit, #9<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification                                               | Not applicable. |
| Standards Test Kit, #1<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification                                               | Not applicable. |
| Standards Test Kit, #2<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification                                               | Not applicable. |
| Standards Test Kit, #3<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification                                               | Not applicable. |
| Standards Test Kit, #8<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification                                               | Not applicable. |
| Standards Test Kit, #10                                                                                            |                 |

**SECTION 2: Hazards identification**

|                                                                                                                                           |                                                                  |                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------|
| <b>Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</b> | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4  | Not applicable.                   |
|                                                                                                                                           | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5  | Not applicable.                   |
|                                                                                                                                           | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6  | Not applicable.                   |
|                                                                                                                                           | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7  | Restricted to professional users. |
|                                                                                                                                           | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9  | Not applicable.                   |
|                                                                                                                                           | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  | Not applicable.                   |
|                                                                                                                                           | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2  | Not applicable.                   |
|                                                                                                                                           | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3  | Not applicable.                   |
|                                                                                                                                           | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  | Not applicable.                   |
|                                                                                                                                           | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 | Not applicable.                   |

**Special packaging requirements**

|                                  |                                                                  |                 |
|----------------------------------|------------------------------------------------------------------|-----------------|
| <b>Tactile warning of danger</b> | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4  | Not applicable. |
|                                  | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5  | Not applicable. |
|                                  | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6  | Not applicable. |
|                                  | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7  | Not applicable. |
|                                  | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9  | Not applicable. |
|                                  | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  | Not applicable. |
|                                  | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2  | Not applicable. |
|                                  | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3  | Not applicable. |
|                                  | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  | Not applicable. |
|                                  | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 | Not applicable. |

**SECTION 2: Hazards identification**

**2.3 Other hazards**

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

|                                                               | PBT | P   | B   | T   | vPvB | vP  | vB  |
|---------------------------------------------------------------|-----|-----|-----|-----|------|-----|-----|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | No  | N/A | N/A | No  | N/A  | N/A | N/A |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 | No  | N/A | N/A | No  | N/A  | N/A | N/A |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 | No  | N/A | N/A | No  | N/A  | N/A | N/A |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 | N/A | N/A | N/A | Yes | N/A  | N/A | N/A |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 | No  | N/A | N/A | No  | N/A  | N/A | N/A |

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.  
 This mixture does not contain any substances that are assessed to be a PBT or a vPvB.  
 This mixture does not contain any substances that are assessed to be a PBT or a vPvB.  
 This mixture does not contain any substances that are assessed to be a PBT or a vPvB.  
 This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**SECTION 2: Hazards identification**

|                                                            |                                                                 |                                                  |
|------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------|
| <b>Other hazards which do not result in classification</b> | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | May form combustible dust concentrations in air. |
|                                                            | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5   | None known.                                      |
|                                                            | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6   | None known.                                      |
|                                                            | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7   | None known.                                      |
|                                                            | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9   | None known.                                      |
|                                                            | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1   | None known.                                      |
|                                                            | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2   | None known.                                      |
|                                                            | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3   | None known.                                      |
|                                                            | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8   | None known.                                      |
|                                                            | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10  | None known.                                      |

**SECTION 3: Composition/information on ingredients**

|                       |                                                                 |                            |
|-----------------------|-----------------------------------------------------------------|----------------------------|
| <b>3.1 Substances</b> | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | Mono-constituent substance |
|                       | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5   | Mono-constituent substance |
|                       | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6   | Mono-constituent substance |
|                       | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7   | Mono-constituent substance |
|                       | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9   | Mono-constituent substance |
|                       | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1   | Mixture                    |
|                       | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2   | Mixture                    |
|                       | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3   | Mixture                    |
|                       | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8   | Mixture                    |
|                       | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10  | Mixture                    |

| Product/ingredient name | Identifiers | % | Classification | Specific Conc. Limits, M-factors and ATEs | Type |
|-------------------------|-------------|---|----------------|-------------------------------------------|------|
|                         |             |   |                |                                           |      |

**SECTION 3: Composition/information on ingredients**

|                                                                      |                                                      |           |                                                                                                            |                                                                                             |         |
|----------------------------------------------------------------------|------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------|
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4</b> |                                                      |           |                                                                                                            |                                                                                             |         |
| reserpine                                                            | EC: 200-047-9<br>CAS: 50-55-5                        | 100       | Acute Tox. 4, H302                                                                                         | ATE [Oral] = 420 mg/kg                                                                      | [1]     |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5</b> |                                                      |           |                                                                                                            |                                                                                             |         |
| raffinose                                                            | EC: 208-146-9<br>CAS: 17629-30-0                     | 100       | Not classified.                                                                                            | -                                                                                           | [1]     |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6</b> |                                                      |           |                                                                                                            |                                                                                             |         |
| hydroxyprogesterone                                                  | EC: 200-699-4<br>CAS: 68-96-2                        | 100       | Aquatic Chronic 2, H411                                                                                    | -                                                                                           | [1]     |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7</b> |                                                      |           |                                                                                                            |                                                                                             |         |
| chloramphenicol                                                      | EC: 200-287-4<br>CAS: 56-75-7                        | 100       | Carc. 1B, H350<br>Aquatic Acute 1, H400<br>Aquatic Chronic 3, H412                                         | M [Acute] = 10                                                                              | [1]     |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9</b> |                                                      |           |                                                                                                            |                                                                                             |         |
| sulfadimethoxine                                                     | EC: 204-523-7<br>CAS: 122-11-2                       | 100       | Skin Sens. 1, H317                                                                                         | -                                                                                           | [1]     |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1</b> |                                                      |           |                                                                                                            |                                                                                             |         |
| acetonitrile                                                         | EC: 200-835-2<br>CAS: 75-05-8<br>Index: 608-001-00-3 | ≥25 - ≤50 | Flam. Liq. 2, H225<br>Acute Tox. 4, H302<br>Acute Tox. 4, H312<br>Acute Tox. 4, H332<br>Eye Irrit. 2, H319 | ATE [Oral] = 500 mg/kg<br>ATE [Dermal] = 1100 mg/kg<br>ATE [Inhalation (vapours)] = 11 mg/l | [1] [2] |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2</b> |                                                      |           |                                                                                                            |                                                                                             |         |
| acetonitrile                                                         | EC: 200-835-2<br>CAS: 75-05-8<br>Index: 608-001-00-3 | ≥25 - ≤50 | Flam. Liq. 2, H225<br>Acute Tox. 4, H302<br>Acute Tox. 4, H312<br>Acute Tox. 4, H332<br>Eye Irrit. 2, H319 | ATE [Oral] = 500 mg/kg<br>ATE [Dermal] = 1100 mg/kg<br>ATE [Inhalation (vapours)] = 11 mg/l | [1] [2] |

**SECTION 3: Composition/information on ingredients**

|                                                                                                  |                                                               |                  |                                                                                                                                                                                                          |                                                                                                      |                |
|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------------|
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</b></p> <p>acetonitrile</p>  | <p>EC: 200-835-2<br/>CAS: 75-05-8<br/>Index: 608-001-00-3</p> | <p>≥25 - ≤50</p> | <p>Flam. Liq. 2, H225<br/>Acute Tox. 4, H302<br/>Acute Tox. 4, H312<br/>Acute Tox. 4, H332<br/>Eye Irrit. 2, H319</p>                                                                                    | <p>ATE [Oral] = 500 mg/kg<br/>ATE [Dermal] = 1100 mg/kg<br/>ATE [Inhalation (vapours)] = 11 mg/l</p> | <p>[1] [2]</p> |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8</b></p> <p>propan-2-ol</p>   | <p>EC: 200-661-7<br/>CAS: 67-63-0<br/>Index: 603-117-00-0</p> | <p>≥25 - ≤50</p> | <p>Flam. Liq. 2, H225<br/>Eye Irrit. 2, H319<br/>STOT SE 3, H336</p>                                                                                                                                     | <p>-</p>                                                                                             | <p>[1] [2]</p> |
| <p>sodium iodide</p>                                                                             | <p>EC: 231-679-3<br/>CAS: 7681-82-5</p>                       | <p>&lt;0.25</p>  | <p>Skin Irrit. 2, H315<br/>Eye Irrit. 2, H319<br/>STOT RE 1, H372 (thyroid) (oral)<br/>Aquatic Acute 1, H400<br/>Aquatic Chronic 1, H410</p>                                                             | <p>M [Acute] = 1<br/>M [Chronic] = 1</p>                                                             | <p>[1] [2]</p> |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</b></p> <p>acetonitrile</p> | <p>EC: 200-835-2<br/>CAS: 75-05-8<br/>Index: 608-001-00-3</p> | <p>≥25 - ≤50</p> | <p>Flam. Liq. 2, H225<br/>Acute Tox. 4, H302<br/>Acute Tox. 4, H312<br/>Acute Tox. 4, H332<br/>Eye Irrit. 2, H319</p> <p><b>See Section 16 for the full text of the H statements declared above.</b></p> | <p>ATE [Oral] = 500 mg/kg<br/>ATE [Dermal] = 1100 mg/kg<br/>ATE [Inhalation (vapours)] = 11 mg/l</p> | <p>[1] [2]</p> |

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

|                                                               |                                                                |
|---------------------------------------------------------------|----------------------------------------------------------------|
| <u>Type</u>                                                   |                                                                |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | [1] Constituent                                                |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 | [1] Constituent                                                |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 | [1] Constituent                                                |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 | [1] Constituent                                                |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 | [1] Constituent                                                |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 | [1] Substance classified with a health or environmental hazard |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 | [2] Substance with a workplace exposure limit                  |
|                                                               | [1] Substance classified with a health or environmental hazard |
|                                                               | [2] Substance with a workplace exposure limit                  |

### SECTION 3: Composition/information on ingredients

|                                                                |                                                                |
|----------------------------------------------------------------|----------------------------------------------------------------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3  | [1] Substance classified with a health or environmental hazard |
|                                                                | [2] Substance with a workplace exposure limit                  |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  | [1] Substance classified with a health or environmental hazard |
|                                                                | [2] Substance with a workplace exposure limit                  |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 | [1] Substance classified with a health or environmental hazard |
|                                                                | [2] Substance with a workplace exposure limit                  |

Occupational exposure limits, if available, are listed in Section 8.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

|                    |                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b> | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                    | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5   | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                    | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6   | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                    | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7   | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                    | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9   | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                    | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1   | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                    | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2   | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                    | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3   | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                    | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8   | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                    | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10  | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Inhalation</b>  | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. |

**SECTION 4: First aid measures**

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7

The exposed person may need to be kept under medical surveillance for 48 hours.

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-

**SECTION 4: First aid measures**

mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**Skin contact**

: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9

Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**SECTION 4: First aid measures**

**Ingestion**

|                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3   | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8   | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10  | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5   | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6   | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7   | Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.                                                  |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9   | Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.  |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1   | Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician.                                                                                                                                                                                                                                   |

**SECTION 4: First aid measures**

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2

Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3

Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8

Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10

Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician.

**Protection of first-aiders** : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. No action shall be taken involving any personal risk or without suitable training.

No action shall be taken involving any personal risk or without suitable training.

No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask

**SECTION 4: First aid measures**

|                                                                |                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9  | or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.                                                                                            |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  | No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.                                                |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2  | No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.                                                                                                                                     |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3  | No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.                                                                                                                                     |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  | No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 | No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.                                                                                                                                     |

**4.2 Most important symptoms and effects, both acute and delayed**

Potential acute health effects

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b> | <p>: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</p> | <p>Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.</p> <p>No known significant effects or critical hazards.</p> <p>No known significant effects or critical hazards.</p> <p>No known significant effects or critical hazards.</p> <p>No known significant effects or critical hazards.</p> <p>Causes serious eye irritation.</p> <p>Causes serious eye irritation.</p> <p>Causes serious eye irritation.</p> <p>Causes serious eye irritation.</p> <p>Causes serious eye irritation.</p> |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**SECTION 4: First aid measures**

**Inhalation**

- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10
- : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. No known significant effects or critical hazards.
- : No known significant effects or critical hazards.
- : No known significant effects or critical hazards.
- : No known significant effects or critical hazards.
- : No known significant effects or critical hazards.
- : No known significant effects or critical hazards.
- : No known significant effects or critical hazards.
- : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
- : No known significant effects or critical hazards.

**Skin contact**

- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10
- : No known significant effects or critical hazards.
- : No known significant effects or critical hazards.
- : No known significant effects or critical hazards.
- : No known significant effects or critical hazards.
- : No known significant effects or critical hazards.
- : May cause an allergic skin reaction.
- : No known significant effects or critical hazards.
- : No known significant effects or critical hazards.
- : No known significant effects or critical hazards.
- : No known significant effects or critical hazards.
- : No known significant effects or critical hazards.

**SECTION 4: First aid measures**

|                  |                                                                 |                                                    |
|------------------|-----------------------------------------------------------------|----------------------------------------------------|
| <b>Ingestion</b> | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | Harmful if swallowed.                              |
|                  | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5   | No known significant effects or critical hazards.  |
|                  | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6   | No known significant effects or critical hazards.  |
|                  | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7   | No known significant effects or critical hazards.  |
|                  | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9   | Harmful if swallowed.                              |
|                  | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1   | Harmful if swallowed.                              |
|                  | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2   | Harmful if swallowed.                              |
|                  | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3   | Can cause central nervous system (CNS) depression. |
|                  | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8   | Harmful if swallowed.                              |
|                  | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10  |                                                    |

Over-exposure signs/symptoms

|                    |                                                                 |                                                                                              |
|--------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>Eye contact</b> | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | Adverse symptoms may include the following:<br><br>irritation<br>redness                     |
|                    | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5   | No specific data.                                                                            |
|                    | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6   | No specific data.                                                                            |
|                    | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7   | No specific data.                                                                            |
|                    | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9   | Adverse symptoms may include the following:<br><br>pain or irritation<br>watering<br>redness |
|                    | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1   | Adverse symptoms may include the following:<br><br>pain or irritation<br>watering<br>redness |
|                    | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2   | Adverse symptoms may include the following:<br><br>pain or irritation<br>watering<br>redness |
|                    | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3   | Adverse symptoms may include the following:                                                  |

**SECTION 4: First aid measures**

|                     |                                                                 |                                                                                              |
|---------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|                     |                                                                 | pain or irritation<br>watering<br>redness                                                    |
|                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8   | Adverse symptoms may include the following:                                                  |
|                     |                                                                 | pain or irritation<br>watering<br>redness                                                    |
|                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10  | Adverse symptoms may include the following:                                                  |
|                     |                                                                 | pain or irritation<br>watering<br>redness                                                    |
| <b>Inhalation</b>   | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | Adverse symptoms may include the following:                                                  |
|                     |                                                                 | respiratory tract irritation<br>coughing                                                     |
|                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5   | No specific data.                                                                            |
|                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6   | No specific data.                                                                            |
|                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7   | No specific data.                                                                            |
|                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9   | No specific data.                                                                            |
|                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1   | No specific data.                                                                            |
|                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2   | No specific data.                                                                            |
|                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3   | Adverse symptoms may include the following:                                                  |
|                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8   | nausea or vomiting<br>headache<br>drowsiness/fatigue<br>dizziness/vertigo<br>unconsciousness |
|                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10  | No specific data.                                                                            |
| <b>Skin contact</b> | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | No specific data.                                                                            |
|                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5   | No specific data.                                                                            |
|                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6   | No specific data.                                                                            |
|                     | TQD/Q-Premier/XE/Q-Micro Qualification                          | No specific data.                                                                            |

**SECTION 4: First aid measures**

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                             |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  | Standards Test Kit, #7<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Adverse symptoms may include the following:<br><br>irritation<br>redness<br>No specific data.                                                                                                                                                                               |
|                  | TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #1<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #2<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #3<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #8<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #10                                                                                                                                                                                                                                                                                                                                                                           | No specific data.<br><br>No specific data.<br><br>No specific data.<br><br>No specific data.<br><br>No specific data.<br><br>No specific data.                                                                                                                              |
| <b>Ingestion</b> | : TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #4<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #5<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #6<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #7<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #9<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #1<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #2<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #3<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #8<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #10 | No specific data.<br><br>No specific data.<br><br>No specific data.<br><br>No specific data.<br><br>No specific data.<br><br>No specific data.<br><br>No specific data.<br><br>No specific data.<br><br>No specific data.<br><br>No specific data.<br><br>No specific data. |

**4.3 Indication of any immediate medical attention and special treatment needed**

|                           |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes to physician</b> | : TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #4<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #5<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification<br>Standards Test Kit, #6<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification | In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.<br>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.<br><br>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
|                           | Standards Test Kit, #6<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification                                                                                                                                                                                                 | In case of inhalation of decomposition products in a fire,                                                                                                                                                                                                                                                                                                                                                                        |

**SECTION 4: First aid measures**

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | Micro Qualification Standards Test Kit, #7 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10                                                                                                                                                                                                                | symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.<br>In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.<br>In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.<br>In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.<br>In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.<br>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.<br>In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| <b>Specific treatments</b> | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 | No specific treatment.<br>No specific treatment.<br>No specific treatment.<br>No specific treatment.<br>No specific treatment.<br>No specific treatment.<br>No specific treatment.<br>No specific treatment.<br>No specific treatment.<br>No specific treatment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

|                                     |                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                             |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b> | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 | Use dry chemical powder.<br>Use an extinguishing agent suitable for the surrounding fire.<br>Use an extinguishing agent suitable for the surrounding fire.<br>Use an extinguishing agent suitable for the surrounding fire. |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**SECTION 5: Firefighting measures**

|                                       |                                             |                                            |                                                                                                         |                       |
|---------------------------------------|---------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------|
|                                       | Micro Qualification Standards Test Kit, #7  | TQD/Q-Premier/XE/Q-                        | Use an extinguishing agent suitable for the surrounding fire.                                           |                       |
|                                       | Micro Qualification Standards Test Kit, #9  | TQD/Q-Premier/XE/Q-                        | Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.                                          |                       |
|                                       | Micro Qualification Standards Test Kit, #1  | TQD/Q-Premier/XE/Q-                        | Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.                                          |                       |
|                                       | Micro Qualification Standards Test Kit, #2  | TQD/Q-Premier/XE/Q-                        | Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.                                          |                       |
|                                       | Micro Qualification Standards Test Kit, #3  | TQD/Q-Premier/XE/Q-                        | Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.                                          |                       |
|                                       | Micro Qualification Standards Test Kit, #8  | TQD/Q-Premier/XE/Q-                        | Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.                                          |                       |
|                                       | Micro Qualification Standards Test Kit, #10 | TQD/Q-Premier/XE/Q-                        | Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.                                          |                       |
| <b>Unsuitable extinguishing media</b> | :                                           | TQD/Q-Premier/XE/Q-                        | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |                       |
|                                       |                                             | Micro Qualification Standards Test Kit, #4 | TQD/Q-Premier/XE/Q-                                                                                     | None known.           |
|                                       |                                             | Micro Qualification Standards Test Kit, #5 | TQD/Q-Premier/XE/Q-                                                                                     | None known.           |
|                                       |                                             | Micro Qualification Standards Test Kit, #6 | TQD/Q-Premier/XE/Q-                                                                                     | None known.           |
|                                       |                                             | Micro Qualification Standards Test Kit, #7 | TQD/Q-Premier/XE/Q-                                                                                     | None known.           |
|                                       |                                             | Micro Qualification Standards Test Kit, #9 | TQD/Q-Premier/XE/Q-                                                                                     | Do not use water jet. |
|                                       |                                             | Micro Qualification Standards Test Kit, #1 | TQD/Q-Premier/XE/Q-                                                                                     | Do not use water jet. |
|                                       |                                             | Micro Qualification Standards Test Kit, #2 | TQD/Q-Premier/XE/Q-                                                                                     | Do not use water jet. |
|                                       |                                             | Micro Qualification Standards Test Kit, #3 | TQD/Q-Premier/XE/Q-                                                                                     | Do not use water jet. |
|                                       |                                             | Micro Qualification Standards Test Kit, #8 | TQD/Q-Premier/XE/Q-                                                                                     | Do not use water jet. |
|                                       | Micro Qualification Standards Test Kit, #10 | TQD/Q-Premier/XE/Q-                        | Do not use water jet.                                                                                   |                       |

**5.2 Special hazards arising from the substance or mixture**

|                                              |   |                                            |                                                    |                                                                                                                                   |
|----------------------------------------------|---|--------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazards from the substance or mixture</b> | : | TQD/Q-Premier/XE/Q-                        | May form explosible dust-air mixture if dispersed. |                                                                                                                                   |
|                                              |   | Micro Qualification Standards Test Kit, #4 | TQD/Q-Premier/XE/Q-                                | No specific fire or explosion hazard.                                                                                             |
|                                              |   | Micro Qualification Standards Test Kit, #5 | TQD/Q-Premier/XE/Q-                                | This material is toxic to aquatic life with long lasting effects.                                                                 |
|                                              |   | Micro Qualification Standards Test Kit, #6 | TQD/Q-Premier/XE/Q-                                | Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. |
|                                              |   | TQD/Q-Premier/XE/Q-                        |                                                    | This material is very toxic to aquatic life. This material is                                                                     |

**SECTION 5: Firefighting measures**

|                                                                                                      |                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Micro Qualification Standards Test Kit, #7                                                           | harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.                                  |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9                                        | No specific fire or explosion hazard.                                                                                                                                                                                 |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1                                        | Highly flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2                                        | Highly flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3                                        | Highly flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8                                        | Highly flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10                                       | Highly flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. |
| <b>Hazardous combustion products</b> : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | Decomposition products may include the following materials:<br><br>carbon dioxide<br>carbon monoxide<br>nitrogen oxides                                                                                               |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5                                        | Decomposition products may include the following materials:<br><br>carbon dioxide<br>carbon monoxide                                                                                                                  |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6                                        | Decomposition products may include the following materials:<br><br>carbon dioxide<br>carbon monoxide                                                                                                                  |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7                                        | Decomposition products may include the following materials:<br><br>carbon dioxide<br>carbon monoxide<br>nitrogen oxides<br>halogenated compounds<br>carbonyl halides                                                  |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9                                        | Decomposition products may include the following materials:<br><br>carbon dioxide<br>carbon monoxide<br>nitrogen oxides<br>sulfur oxides                                                                              |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1                                        | Decomposition products may include the following materials:<br><br>carbon dioxide<br>carbon monoxide<br>nitrogen oxides                                                                                               |

**SECTION 5: Firefighting measures**

|                                                                       |                                                                                                                                                            |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2</p>  | <p>cyanides<br/>Decomposition products may include the following materials:</p> <p>carbon dioxide<br/>carbon monoxide<br/>nitrogen oxides<br/>cyanides</p> |
| <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</p>  | <p>Decomposition products may include the following materials:</p> <p>carbon dioxide<br/>carbon monoxide<br/>nitrogen oxides<br/>cyanides</p>              |
| <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8</p>  | <p>Decomposition products may include the following materials:</p> <p>carbon dioxide<br/>carbon monoxide</p>                                               |
| <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</p> | <p>Decomposition products may include the following materials:</p> <p>carbon dioxide<br/>carbon monoxide<br/>nitrogen oxides<br/>cyanides</p>              |

**5.3 Advice for firefighters**

**Special precautions for fire-fighters**

- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4
 Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5
 Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6
 Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7
 Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9
 Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1
 Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2
 Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3
 Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- TQD/Q-Premier/XE/Q-Micro Qualification
 Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be

**SECTION 5: Firefighting measures**

**Special protective equipment for fire-fighters**

|                                                                 |                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards Test Kit, #8                                          | taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.                                                                                                                                                                  |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10  | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.                                      |
| : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5   | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6   | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7   | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9   | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1   | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2   | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3   | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8   | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| TQD/Q-Premier/XE/Q-Micro Qualification                          | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full                                                                                                                                                                                                                                    |

**SECTION 5: Firefighting measures**

Standards Test Kit, #10 face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel**

- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate

**SECTION 6: Accidental release measures**

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8

ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders**

: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**SECTION 6: Accidental release measures**

**6.2 Environmental precautions**

- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4      Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5      Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6      Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7      Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9      Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1      Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2      Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3      Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8      Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10      Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**6.3 Methods and material for containment and cleaning up**

**Methods for cleaning up**

- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4      Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5      Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6      Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7      Move containers from spill area. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.
- TQD/Q-Premier/XE/Q-Micro Qualification      Move containers from spill area. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal.

## SECTION 6: Accidental release measures

|                                                                |                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards Test Kit, #9                                         | Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.                                                                                                                                                                                                                              |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  | Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2  | Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3  | Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  | Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 | Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |

**6.4 Reference to other sections** : See Section 1 for emergency contact information.  
 See Section 8 for information on appropriate personal protective equipment.  
 See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

|                            |                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protective measures</b> | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container. |
|                            | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5   | Put on appropriate personal protective equipment (see Section 8).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                            | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6   | Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid release to the environment. Keep in the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

**SECTION 7: Handling and storage**

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7

original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9

Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any

**SECTION 7: Handling and storage**

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8

other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene**

: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and

**SECTION 7: Handling and storage**

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1

protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage**

: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use

**SECTION 7: Handling and storage**

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7

appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate

**SECTION 7: Handling and storage**

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10

all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Seveso Directive - Reporting thresholds

Danger criteria

| Category                                                              | Notification and MAPP threshold | Safety report threshold |
|-----------------------------------------------------------------------|---------------------------------|-------------------------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6<br>E2   | 200 tonne                       | 500 tonne               |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7<br>E1   | 100 tonne                       | 200 tonne               |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1<br>P5c  | 5000 tonne                      | 50000 tonne             |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2<br>P5c  | 5000 tonne                      | 50000 tonne             |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3<br>P5c  | 5000 tonne                      | 50000 tonne             |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8<br>P5c  | 5000 tonne                      | 50000 tonne             |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10<br>P5c | 5000 tonne                      | 50000 tonne             |

**7.3 Specific end use(s)**

- Recommendations** :
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 Industrial applications, Professional applications.
  - TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 Industrial applications, Professional applications.
  - TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 Industrial applications, Professional applications.

**SECTION 7: Handling and storage**

|                                             |                                                                       |                                                     |
|---------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------|
|                                             | Standards Test Kit, #6<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification  | Industrial applications, Professional applications. |
|                                             | Standards Test Kit, #7<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification  | Industrial applications, Professional applications. |
|                                             | Standards Test Kit, #9<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification  | Industrial applications, Professional applications. |
|                                             | Standards Test Kit, #1<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification  | Industrial applications, Professional applications. |
|                                             | Standards Test Kit, #2<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification  | Industrial applications, Professional applications. |
|                                             | Standards Test Kit, #3<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification  | Industrial applications, Professional applications. |
|                                             | Standards Test Kit, #8<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification  | Industrial applications, Professional applications. |
| <b>Industrial sector specific solutions</b> | Standards Test Kit, #10<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification | Not available.                                      |
|                                             | Standards Test Kit, #4<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification  | Not available.                                      |
|                                             | Standards Test Kit, #5<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification  | Not available.                                      |
|                                             | Standards Test Kit, #6<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification  | Not available.                                      |
|                                             | Standards Test Kit, #7<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification  | Not available.                                      |
|                                             | Standards Test Kit, #9<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification  | Not available.                                      |
|                                             | Standards Test Kit, #1<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification  | Not available.                                      |
|                                             | Standards Test Kit, #2<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification  | Not available.                                      |
|                                             | Standards Test Kit, #3<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification  | Not available.                                      |
|                                             | Standards Test Kit, #8<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification  | Not available.                                      |
|                                             | Standards Test Kit, #10                                               |                                                     |

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Occupational exposure limits**

**SECTION 8: Exposure controls/personal protection**

| Product/ingredient name                                                        | Exposure limit values                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1<br>acetonitrile  | <b>NAOSH (Ireland, 5/2021). Absorbed through skin. Notes: EU derived Occupational Exposure Limit Values</b><br>OELV: 40 ppm 8 hours.<br>OELV: 70 mg/m <sup>3</sup> 8 hours.                                                                                                                            |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2<br>acetonitrile  | <b>NAOSH (Ireland, 5/2021). Absorbed through skin. Notes: EU derived Occupational Exposure Limit Values</b><br>OELV: 40 ppm 8 hours.<br>OELV: 70 mg/m <sup>3</sup> 8 hours.                                                                                                                            |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3<br>acetonitrile  | <b>NAOSH (Ireland, 5/2021). Absorbed through skin. Notes: EU derived Occupational Exposure Limit Values</b><br>OELV: 40 ppm 8 hours.<br>OELV: 70 mg/m <sup>3</sup> 8 hours.                                                                                                                            |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8<br>propan-2-ol   | <b>NAOSH (Ireland, 5/2021). Absorbed through skin. Notes: Advisory Occupational Exposure Limit Values (OELVs)</b><br>OELV: 200 ppm 8 hours.<br>OELV: 400 ppm 15 minutes.                                                                                                                               |
| Sodium iodide                                                                  | <b>NAOSH (Ireland, 5/2021). [iodides] Notes: Advisory Occupational Exposure Limit Values (OELVs)</b><br>OELV: 0.01 ppm 8 hours. Form: The Inhalable Fraction and Vapour note is used when a material exerts sufficient vapour pressure such that it may be present in both particle and vapour phases. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10<br>acetonitrile | <b>NAOSH (Ireland, 5/2021). Absorbed through skin. Notes: EU derived Occupational Exposure Limit Values</b><br>OELV: 40 ppm 8 hours.<br>OELV: 70 mg/m <sup>3</sup> 8 hours.                                                                                                                            |

**Biological exposure indices**

| Product/ingredient name                                                      | Exposure indices                                                                                                     |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8<br>propan-2-ol | <b>NAOSH (Ireland, 1/2011)</b><br>BMGV: 40 mg/l, acetone [in urine]. Sampling time: end of shift at end of workweek. |

**Recommended monitoring procedures**

: Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**DNELs/DMELs**

**SECTION 8: Exposure controls/personal protection**

| Product/ingredient name                                                           | Type | Exposure              | Value                  | Population         | Effects  |
|-----------------------------------------------------------------------------------|------|-----------------------|------------------------|--------------------|----------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 hydroxyprogesterone | DNEL | Long term Dermal      | 1 mg/kg bw/day         | Workers            | Systemic |
|                                                                                   | DNEL | Long term Inhalation  | 3.53 mg/m <sup>3</sup> | Workers            | Systemic |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 acetonitrile        | DNEL | Long term Oral        | 0.4 mg/kg bw/day       | General population | Systemic |
|                                                                                   | DNEL | Short term Oral       | 0.6 mg/kg bw/day       | General population | Systemic |
|                                                                                   | DNEL | Long term Dermal      | 1.2 mg/kg bw/day       | General population | Systemic |
|                                                                                   | DNEL | Long term Inhalation  | 2.4 mg/m <sup>3</sup>  | General population | Systemic |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 acetonitrile        | DNEL | Long term Oral        | 0.4 mg/kg bw/day       | General population | Systemic |
|                                                                                   | DNEL | Short term Oral       | 0.6 mg/kg bw/day       | General population | Systemic |
|                                                                                   | DNEL | Long term Dermal      | 1.2 mg/kg bw/day       | General population | Systemic |
|                                                                                   | DNEL | Long term Inhalation  | 2.4 mg/m <sup>3</sup>  | General population | Systemic |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 acetonitrile        | DNEL | Long term Oral        | 0.4 mg/kg bw/day       | General population | Systemic |
|                                                                                   | DNEL | Short term Oral       | 0.6 mg/kg bw/day       | General population | Systemic |
|                                                                                   | DNEL | Long term Dermal      | 1.2 mg/kg bw/day       | General population | Systemic |
|                                                                                   | DNEL | Long term Inhalation  | 2.4 mg/m <sup>3</sup>  | General population | Systemic |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 propan-2-ol         | DNEL | Long term Inhalation  | 500 mg/m <sup>3</sup>  | Workers            | Systemic |
|                                                                                   | DNEL | Long term Dermal      | 888 mg/kg bw/day       | Workers            | Systemic |
|                                                                                   | DNEL | Long term Oral        | 26 mg/kg bw/day        | General population | Systemic |
|                                                                                   | DNEL | Short term Oral       | 51 mg/kg bw/day        | General population | Systemic |
|                                                                                   | DNEL | Long term Inhalation  | 89 mg/m <sup>3</sup>   | General population | Systemic |
|                                                                                   | DNEL | Short term Inhalation | 178 mg/m <sup>3</sup>  | General population | Systemic |
|                                                                                   | DNEL | Long term Dermal      | 319 mg/kg bw/day       | General population | Systemic |
|                                                                                   | DNEL | Short term Inhalation | 1000 mg/m <sup>3</sup> | Workers            | Systemic |
| Sodium iodide                                                                     | DNEL | Short term Oral       | 0.01 mg/kg bw/day      | General population | Systemic |
|                                                                                   | DNEL | Long term Oral        | 0.01 mg/kg bw/day      | General population | Systemic |

**SECTION 8: Exposure controls/personal protection**

|                                                                                       |      |                      |                         |                    |          |
|---------------------------------------------------------------------------------------|------|----------------------|-------------------------|--------------------|----------|
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</b><br>acetonitrile | DNEL | Long term Dermal     | 83.3 µg/kg bw/day       | General population | Systemic |
|                                                                                       | DNEL | Long term Inhalation | 0.145 mg/m <sup>3</sup> | General population | Systemic |
|                                                                                       | DNEL | Long term Dermal     | 0.233 mg/kg bw/day      | Workers            | Systemic |
|                                                                                       | DNEL | Long term Inhalation | 0.822 mg/m <sup>3</sup> | Workers            | Systemic |
|                                                                                       | DNEL | Long term Oral       | 0.4 mg/kg bw/day        | General population | Systemic |
|                                                                                       | DNEL | Short term Oral      | 0.6 mg/kg bw/day        | General population | Systemic |
|                                                                                       | DNEL | Long term Dermal     | 1.2 mg/kg bw/day        | General population | Systemic |
|                                                                                       | DNEL | Long term Inhalation | 2.4 mg/m <sup>3</sup>   | General population | Systemic |

**PNECs**

No PNECs available

**8.2 Exposure controls**

**Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Individual protection measures**

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

**Skin protection**

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## SECTION 8: Exposure controls/personal protection

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### 9.1 Information on basic physical and chemical properties

#### Appearance

|                       |   |                                                                |                      |
|-----------------------|---|----------------------------------------------------------------|----------------------|
| <b>Physical state</b> | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4  | Solid. [Powder.]     |
|                       |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5  | Solid.               |
|                       |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6  | Solid.               |
|                       |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7  | Solid. [Crystals.]   |
|                       |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9  | Solid.               |
|                       |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  | Liquid.              |
|                       |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2  | Liquid.              |
|                       |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3  | Liquid.              |
|                       |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  | Liquid.              |
|                       |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 | Liquid.              |
| <b>Colour</b>         | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4  | Beige.               |
|                       |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5  | Beige.               |
|                       |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6  | Beige.               |
|                       |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7  | Yellow. [Light]      |
|                       |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9  | Not available.       |
|                       |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  | Clear. / Colourless. |
|                       |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2  | Not available.       |
|                       |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3  | Not available.       |
|                       |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  | Not available.       |
|                       |   | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 | Not available.       |

**SECTION 9: Physical and chemical properties**

|                        |                                               |                                        |                      |
|------------------------|-----------------------------------------------|----------------------------------------|----------------------|
|                        | Micro Qualification Standards Test Kit, #3    | TQD/Q-Premier/XE/Q-Micro Qualification | Clear. / Colourless. |
|                        | Micro Qualification Standards Test Kit, #8    | TQD/Q-Premier/XE/Q-Micro Qualification | Clear. / Colourless. |
| <b>Odour</b>           | : Micro Qualification Standards Test Kit, #10 | TQD/Q-Premier/XE/Q-Micro Qualification | Odourless.           |
|                        | Micro Qualification Standards Test Kit, #4    | TQD/Q-Premier/XE/Q-Micro Qualification | Not available.       |
|                        | Micro Qualification Standards Test Kit, #5    | TQD/Q-Premier/XE/Q-Micro Qualification | Not available.       |
|                        | Micro Qualification Standards Test Kit, #6    | TQD/Q-Premier/XE/Q-Micro Qualification | Not available.       |
|                        | Micro Qualification Standards Test Kit, #7    | TQD/Q-Premier/XE/Q-Micro Qualification | Not available.       |
|                        | Micro Qualification Standards Test Kit, #9    | TQD/Q-Premier/XE/Q-Micro Qualification | Not available.       |
|                        | Micro Qualification Standards Test Kit, #1    | TQD/Q-Premier/XE/Q-Micro Qualification | Not available.       |
|                        | Micro Qualification Standards Test Kit, #2    | TQD/Q-Premier/XE/Q-Micro Qualification | Not available.       |
|                        | Micro Qualification Standards Test Kit, #3    | TQD/Q-Premier/XE/Q-Micro Qualification | Not available.       |
|                        | Micro Qualification Standards Test Kit, #8    | TQD/Q-Premier/XE/Q-Micro Qualification | Not available.       |
| <b>Odour threshold</b> | : Micro Qualification Standards Test Kit, #10 | TQD/Q-Premier/XE/Q-Micro Qualification | Not available.       |
|                        | Micro Qualification Standards Test Kit, #4    | TQD/Q-Premier/XE/Q-Micro Qualification | Not available.       |
|                        | Micro Qualification Standards Test Kit, #5    | TQD/Q-Premier/XE/Q-Micro Qualification | Not available.       |
|                        | Micro Qualification Standards Test Kit, #6    | TQD/Q-Premier/XE/Q-Micro Qualification | Not available.       |
|                        | Micro Qualification Standards Test Kit, #7    | TQD/Q-Premier/XE/Q-Micro Qualification | Not available.       |
|                        | Micro Qualification Standards Test Kit, #9    | TQD/Q-Premier/XE/Q-Micro Qualification | Not available.       |
|                        | Micro Qualification Standards Test Kit, #1    | TQD/Q-Premier/XE/Q-Micro Qualification | Not available.       |
|                        | Micro Qualification Standards Test Kit, #2    | TQD/Q-Premier/XE/Q-Micro Qualification | Not available.       |
|                        | Micro Qualification Standards Test Kit, #3    | TQD/Q-Premier/XE/Q-Micro Qualification | Not available.       |

**SECTION 9: Physical and chemical properties**

|                                                |                                                                  |                  |
|------------------------------------------------|------------------------------------------------------------------|------------------|
|                                                | Micro Qualification Standards Test Kit, #8                       |                  |
|                                                | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10   | Not available.   |
| <b>Melting point/freezing point</b>            | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4  | 264 to 265°C     |
|                                                | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5    | Not available.   |
|                                                | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6    | 222 to 223°C     |
|                                                | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7    | 150.5 to 151.5°C |
|                                                | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9    | 200°C            |
|                                                | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1    | Not available.   |
|                                                | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2    | Not available.   |
|                                                | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3    | Not available.   |
|                                                | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8    | Not available.   |
| <b>Initial boiling point and boiling range</b> | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 | Not available.   |
|                                                | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4    | Not available.   |
|                                                | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5    | Not available.   |
|                                                | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6    | Not available.   |
|                                                | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7    | Not available.   |
|                                                | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9    | Not available.   |
|                                                | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1    | Not available.   |
|                                                | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2    | Not available.   |
|                                                | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3    | Not available.   |
|                                                | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8    | Not available.   |

**SECTION 9: Physical and chemical properties**

|                                                     |                                                                 |                 |
|-----------------------------------------------------|-----------------------------------------------------------------|-----------------|
|                                                     | Micro Qualification Standards Test Kit, #10                     |                 |
| <b>Flammability</b>                                 | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | Not available.  |
|                                                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5   | Not available.  |
|                                                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6   | Not available.  |
|                                                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7   | Not available.  |
|                                                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9   | Not applicable. |
|                                                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1   | Not applicable. |
|                                                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2   | Not applicable. |
|                                                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3   | Not applicable. |
|                                                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8   | Not applicable. |
|                                                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10  | Not applicable. |
| <b>Upper/lower flammability or explosive limits</b> | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | Not applicable. |
|                                                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5   | Not applicable. |
|                                                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6   | Not applicable. |
|                                                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7   | Not applicable. |
|                                                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9   | Not available.  |
|                                                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1   | Not available.  |
|                                                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2   | Not available.  |
|                                                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3   | Not available.  |
|                                                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8   | Not available.  |
|                                                     | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10  |                 |

**SECTION 9: Physical and chemical properties**

**Flash point** : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 Not applicable.  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 Not applicable.  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 Not applicable.  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 Not applicable.  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 Closed cup: 12 to 23°C [Based on solvent.]  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 Closed cup: 12.8 to 23°C [Based on solvent.]  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 Closed cup: 12.8 to 23°C [Based on solvent.]  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 Closed cup: 18.5°C [Based on solvent.]  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 Closed cup: 12.8 to 23°C [Based on solvent.]  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10

**Auto-ignition temperature**

| Ingredient name                                                       | °C  | Method |
|-----------------------------------------------------------------------|-----|--------|
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1</b>  |     |        |
| acetonitrile                                                          | 524 | -      |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2</b>  |     |        |
| acetonitrile                                                          | 524 | -      |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</b>  |     |        |
| acetonitrile                                                          | 524 | -      |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8</b>  |     |        |
| propan-2-ol                                                           | 456 | -      |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</b> |     |        |
| acetonitrile                                                          | 524 | -      |

**SECTION 9: Physical and chemical properties**

|                                  |   |                                                                |                |
|----------------------------------|---|----------------------------------------------------------------|----------------|
| <b>Decomposition temperature</b> | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4  | Not available. |
|                                  | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5  | Not available. |
|                                  | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6  | 240 to 380°C   |
|                                  | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7  | Not available. |
|                                  | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9  | Not available. |
|                                  | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  | Not available. |
|                                  | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2  | Not available. |
|                                  | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3  | Not available. |
|                                  | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  | Not available. |
|                                  | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 | Not available. |
| <b>pH</b>                        | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4  | Not available. |
|                                  | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5  | Not available. |
|                                  | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6  | Not available. |
|                                  | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7  | 7              |
|                                  | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9  | Not available. |
|                                  | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  | 7              |
|                                  | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2  | 7              |
|                                  | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3  | 7              |
|                                  | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  | 7              |
|                                  | : | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 | 7              |

**SECTION 9: Physical and chemical properties**

**Viscosity** : TQD/Q-Premier/XE/Q- Micro Qualification Standards Test Kit, #4 Not applicable.  
 TQD/Q-Premier/XE/Q- Micro Qualification Standards Test Kit, #5 Not applicable.  
 TQD/Q-Premier/XE/Q- Micro Qualification Standards Test Kit, #6 Not applicable.  
 TQD/Q-Premier/XE/Q- Micro Qualification Standards Test Kit, #7 Not applicable.  
 TQD/Q-Premier/XE/Q- Micro Qualification Standards Test Kit, #9 Not available.  
 TQD/Q-Premier/XE/Q- Micro Qualification Standards Test Kit, #1 Not available.  
 TQD/Q-Premier/XE/Q- Micro Qualification Standards Test Kit, #2 Not available.  
 TQD/Q-Premier/XE/Q- Micro Qualification Standards Test Kit, #3 Not available.  
 TQD/Q-Premier/XE/Q- Micro Qualification Standards Test Kit, #8 Not available.  
 TQD/Q-Premier/XE/Q- Micro Qualification Standards Test Kit, #10

**Solubility(ies)**

| Media                                                                   | Result            |
|-------------------------------------------------------------------------|-------------------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4<br>water  | Insoluble         |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5<br>water  | Soluble           |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6<br>water  | Insoluble         |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7<br>water  | Partially soluble |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9<br>water  | Partially soluble |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1<br>water  | Soluble           |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2<br>water  | Soluble           |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3<br>water  | Soluble           |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8<br>water  | Soluble           |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10<br>water | Soluble           |

**SECTION 9: Physical and chemical properties**

**Partition coefficient: n-octanol/water** : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 3.3  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 Not available.  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 Not applicable.  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 Not applicable.  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 Not applicable.  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 Not applicable.  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 Not applicable.  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 Not applicable.  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 Not applicable.  
 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10

**Vapour pressure** :

| Ingredient name                                                      | Vapour Pressure at 20°C |     |        | Vapour pressure at 50°C |      |        |
|----------------------------------------------------------------------|-------------------------|-----|--------|-------------------------|------|--------|
|                                                                      | mm Hg                   | kPa | Method | mm Hg                   | kPa  | Method |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1</b> |                         |     |        |                         |      |        |
| acetonitrile                                                         | 70.88853                | 9.5 | -      | -                       | -    | -      |
| water                                                                | 17.5                    | 2.3 | -      | 92.258                  | 12.3 | -      |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2</b> |                         |     |        |                         |      |        |
| acetonitrile                                                         | 70.88853                | 9.5 | -      | -                       | -    | -      |
| water                                                                | 17.5                    | 2.3 | -      | 92.258                  | 12.3 | -      |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</b> |                         |     |        |                         |      |        |
| acetonitrile                                                         | 70.88853                | 9.5 | -      | -                       | -    | -      |

**SECTION 9: Physical and chemical properties**

|                                                                                        |          |     |   |        |      |   |
|----------------------------------------------------------------------------------------|----------|-----|---|--------|------|---|
| water                                                                                  | 17.5     | 2.3 | - | 92.258 | 12.3 | - |
| <b>TQD/Q-Premier/XE/<br/>Q-Micro<br/>Qualification<br/>Standards Test Kit,<br/>#8</b>  |          |     |   |        |      |   |
| propan-2-ol                                                                            | 33.00268 | 4.4 | - | 177    | 23.6 | - |
| water                                                                                  | 17.5     | 2.3 | - | 92.258 | 12.3 | - |
| <b>TQD/Q-Premier/XE/<br/>Q-Micro<br/>Qualification<br/>Standards Test Kit,<br/>#10</b> |          |     |   |        |      |   |
| acetonitrile                                                                           | 70.88853 | 9.5 | - | -      | -    | - |
| water                                                                                  | 17.5     | 2.3 | - | 92.258 | 12.3 | - |

- Evaporation rate** :
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 Not available.
  - TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 Not available.
  - TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 Not available.
  - TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 Not available.
  - TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 Not available.
  - TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 Not available.
  - TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 Not available.
  - TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 Not available.
  - TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 Not available.
  - TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 Not available.
- Relative density** :
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 Not available.
  - TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 Not available.
  - TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 Not available.

**SECTION 9: Physical and chemical properties**

|                             |                                             |                     |                 |
|-----------------------------|---------------------------------------------|---------------------|-----------------|
|                             | Micro Qualification Standards Test Kit, #7  | TQD/Q-Premier/XE/Q- | Not available.  |
|                             | Micro Qualification Standards Test Kit, #9  | TQD/Q-Premier/XE/Q- | 0.893           |
|                             | Micro Qualification Standards Test Kit, #1  | TQD/Q-Premier/XE/Q- | 0.893           |
|                             | Micro Qualification Standards Test Kit, #2  | TQD/Q-Premier/XE/Q- | 0.89            |
|                             | Micro Qualification Standards Test Kit, #3  | TQD/Q-Premier/XE/Q- | 0.89            |
|                             | Micro Qualification Standards Test Kit, #8  | TQD/Q-Premier/XE/Q- | 0.893           |
|                             | Micro Qualification Standards Test Kit, #10 |                     |                 |
| <b>Vapour density</b>       | :                                           | TQD/Q-Premier/XE/Q- | Not applicable. |
|                             | Micro Qualification Standards Test Kit, #4  | TQD/Q-Premier/XE/Q- | Not applicable. |
|                             | Micro Qualification Standards Test Kit, #5  | TQD/Q-Premier/XE/Q- | Not applicable. |
|                             | Micro Qualification Standards Test Kit, #6  | TQD/Q-Premier/XE/Q- | Not applicable. |
|                             | Micro Qualification Standards Test Kit, #7  | TQD/Q-Premier/XE/Q- | Not applicable. |
|                             | Micro Qualification Standards Test Kit, #9  | TQD/Q-Premier/XE/Q- | Not available.  |
|                             | Micro Qualification Standards Test Kit, #1  | TQD/Q-Premier/XE/Q- | Not available.  |
|                             | Micro Qualification Standards Test Kit, #2  | TQD/Q-Premier/XE/Q- | Not available.  |
|                             | Micro Qualification Standards Test Kit, #3  | TQD/Q-Premier/XE/Q- | Not available.  |
|                             | Micro Qualification Standards Test Kit, #8  | TQD/Q-Premier/XE/Q- | Not available.  |
|                             | Micro Qualification Standards Test Kit, #10 |                     |                 |
| <b>Explosive properties</b> | :                                           | TQD/Q-Premier/XE/Q- | Not available.  |
|                             | Micro Qualification Standards Test Kit, #4  | TQD/Q-Premier/XE/Q- | Not available.  |
|                             | Micro Qualification Standards Test Kit, #5  | TQD/Q-Premier/XE/Q- | Not available.  |
|                             | Micro Qualification Standards Test Kit, #6  | TQD/Q-Premier/XE/Q- | Not available.  |
|                             | Micro Qualification Standards Test Kit, #7  | TQD/Q-Premier/XE/Q- | Not available.  |

**SECTION 9: Physical and chemical properties**

|                             |                                             |                     |                |
|-----------------------------|---------------------------------------------|---------------------|----------------|
|                             | Micro Qualification Standards Test Kit, #9  | TQD/Q-Premier/XE/Q- | Not available. |
|                             | Micro Qualification Standards Test Kit, #1  | TQD/Q-Premier/XE/Q- | Not available. |
|                             | Micro Qualification Standards Test Kit, #2  | TQD/Q-Premier/XE/Q- | Not available. |
|                             | Micro Qualification Standards Test Kit, #3  | TQD/Q-Premier/XE/Q- | Not available. |
|                             | Micro Qualification Standards Test Kit, #8  | TQD/Q-Premier/XE/Q- | Not available. |
|                             | Micro Qualification Standards Test Kit, #10 |                     |                |
| <b>Oxidising properties</b> | :                                           | TQD/Q-Premier/XE/Q- | Not available. |
|                             | Micro Qualification Standards Test Kit, #4  | TQD/Q-Premier/XE/Q- | Not available. |
|                             | Micro Qualification Standards Test Kit, #5  | TQD/Q-Premier/XE/Q- | Not available. |
|                             | Micro Qualification Standards Test Kit, #6  | TQD/Q-Premier/XE/Q- | Not available. |
|                             | Micro Qualification Standards Test Kit, #7  | TQD/Q-Premier/XE/Q- | Not available. |
|                             | Micro Qualification Standards Test Kit, #9  | TQD/Q-Premier/XE/Q- | Not available. |
|                             | Micro Qualification Standards Test Kit, #1  | TQD/Q-Premier/XE/Q- | Not available. |
|                             | Micro Qualification Standards Test Kit, #2  | TQD/Q-Premier/XE/Q- | Not available. |
|                             | Micro Qualification Standards Test Kit, #3  | TQD/Q-Premier/XE/Q- | Not available. |
|                             | Micro Qualification Standards Test Kit, #8  | TQD/Q-Premier/XE/Q- | Not available. |
|                             | Micro Qualification Standards Test Kit, #10 |                     |                |

**Particle characteristics**

|                             |   |                                            |                |
|-----------------------------|---|--------------------------------------------|----------------|
| <b>Median particle size</b> | : | TQD/Q-Premier/XE/Q-                        | Not available. |
|                             |   | Micro Qualification Standards Test Kit, #4 |                |
|                             |   | TQD/Q-Premier/XE/Q-                        | Not available. |
|                             |   | Micro Qualification Standards Test Kit, #5 |                |
|                             |   | TQD/Q-Premier/XE/Q-                        | Not available. |
|                             |   | Micro Qualification Standards Test Kit, #6 |                |
|                             |   | TQD/Q-Premier/XE/Q-                        | Not available. |
|                             |   | Micro Qualification Standards Test Kit, #7 |                |
|                             |   | TQD/Q-Premier/XE/Q-                        | Not available. |
|                             |   | Micro Qualification Standards Test Kit, #9 |                |

**SECTION 9: Physical and chemical properties**

|                                                                |                 |
|----------------------------------------------------------------|-----------------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  | Not applicable. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2  | Not applicable. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3  | Not applicable. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  | Not applicable. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 | Not applicable. |

**9.2 Other information**

No additional information.

**SECTION 10: Stability and reactivity**

|                                |                                                                  |                                                                                            |
|--------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <b>10.1 Reactivity</b>         | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4  | No specific test data related to reactivity available for this product or its ingredients. |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5  | No specific test data related to reactivity available for this product or its ingredients. |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6  | No specific test data related to reactivity available for this product or its ingredients. |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7  | No specific test data related to reactivity available for this product or its ingredients. |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9  | No specific test data related to reactivity available for this product or its ingredients. |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  | No specific test data related to reactivity available for this product or its ingredients. |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2  | No specific test data related to reactivity available for this product or its ingredients. |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3  | No specific test data related to reactivity available for this product or its ingredients. |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  | No specific test data related to reactivity available for this product or its ingredients. |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 | No specific test data related to reactivity available for this product or its ingredients. |
| <b>10.2 Chemical stability</b> | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4  | The product is stable.                                                                     |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5  | The product is stable.                                                                     |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6  | The product is stable.                                                                     |
|                                | : TQD/Q-Premier/XE/Q-Micro Qualification                         | The product is stable.                                                                     |

**SECTION 10: Stability and reactivity**

Standards Test Kit, #7  
 TQD/Q-Premier/XE/Q-Micro Qualification  
 Standards Test Kit, #9  
 TQD/Q-Premier/XE/Q-Micro Qualification  
 Standards Test Kit, #1  
 TQD/Q-Premier/XE/Q-Micro Qualification  
 Standards Test Kit, #2  
 TQD/Q-Premier/XE/Q-Micro Qualification  
 Standards Test Kit, #3  
 TQD/Q-Premier/XE/Q-Micro Qualification  
 Standards Test Kit, #8  
 TQD/Q-Premier/XE/Q-Micro Qualification  
 Standards Test Kit, #10

The product is stable.  
 The product is stable.  
 The product is stable.  
 The product is stable.  
 The product is stable.  
 The product is stable.  
 The product is stable.

**10.3 Possibility of hazardous reactions**

: TQD/Q-Premier/XE/Q-Micro Qualification  
 Standards Test Kit, #4  
 TQD/Q-Premier/XE/Q-Micro Qualification  
 Standards Test Kit, #5  
 TQD/Q-Premier/XE/Q-Micro Qualification  
 Standards Test Kit, #6  
 TQD/Q-Premier/XE/Q-Micro Qualification  
 Standards Test Kit, #7  
 TQD/Q-Premier/XE/Q-Micro Qualification  
 Standards Test Kit, #9  
 TQD/Q-Premier/XE/Q-Micro Qualification  
 Standards Test Kit, #1  
 TQD/Q-Premier/XE/Q-Micro Qualification  
 Standards Test Kit, #2  
 TQD/Q-Premier/XE/Q-Micro Qualification  
 Standards Test Kit, #3  
 TQD/Q-Premier/XE/Q-Micro Qualification  
 Standards Test Kit, #8  
 TQD/Q-Premier/XE/Q-Micro Qualification  
 Standards Test Kit, #10

Under normal conditions of storage and use, hazardous reactions will not occur.  
 Under normal conditions of storage and use, hazardous reactions will not occur.  
 Under normal conditions of storage and use, hazardous reactions will not occur.  
 Under normal conditions of storage and use, hazardous reactions will not occur.  
 Under normal conditions of storage and use, hazardous reactions will not occur.  
 Under normal conditions of storage and use, hazardous reactions will not occur.  
 Under normal conditions of storage and use, hazardous reactions will not occur.  
 Under normal conditions of storage and use, hazardous reactions will not occur.  
 Under normal conditions of storage and use, hazardous reactions will not occur.  
 Under normal conditions of storage and use, hazardous reactions will not occur.  
 Under normal conditions of storage and use, hazardous reactions will not occur.  
 Under normal conditions of storage and use, hazardous reactions will not occur.

**10.4 Conditions to avoid**

: TQD/Q-Premier/XE/Q-Micro Qualification  
 Standards Test Kit, #4  
  
 TQD/Q-Premier/XE/Q-Micro Qualification  
 Standards Test Kit, #5  
 TQD/Q-Premier/XE/Q-Micro Qualification  
 Standards Test Kit, #6

Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation.  
 No specific data.  
 No specific data.

**SECTION 10: Stability and reactivity**

|                                                                |                                                                                                                                                                         |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7  | No specific data.                                                                                                                                                       |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9  | No specific data.                                                                                                                                                       |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  | Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2  | Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3  | Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  | Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 | Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. |

**10.5 Incompatible materials**

|                                                                 |                                                                               |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------|
| : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | Reactive or incompatible with the following materials:<br>oxidising materials |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5   | May react or be incompatible with oxidising materials.                        |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6   | May react or be incompatible with oxidising materials.                        |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7   | May react or be incompatible with oxidising materials.                        |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9   | Reactive or incompatible with the following materials:<br>oxidising materials |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1   | Reactive or incompatible with the following materials:<br>oxidising materials |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2   | Reactive or incompatible with the following materials:<br>oxidising materials |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3   | Reactive or incompatible with the following materials:<br>oxidising materials |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8   | Reactive or incompatible with the following materials:<br>oxidising materials |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10  | Reactive or incompatible with the following materials:<br>oxidising materials |

**SECTION 10: Stability and reactivity**

**10.6 Hazardous decomposition products**

- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4  
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5  
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6  
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7  
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9  
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2  
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3  
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10  
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

Acute toxicity

| Product/ingredient name                                                              | Result                              | Species            | Dose                    | Exposure     |
|--------------------------------------------------------------------------------------|-------------------------------------|--------------------|-------------------------|--------------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4<br>reserpine           | LD50 Oral                           | Rat                | 420 mg/kg               | -            |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6<br>hydroxyprogesterone | LD50 Oral                           | Rat - Male, Female | >2000 mg/kg             | -            |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7<br>chloramphenicol     | LD50 Oral                           | Rat                | 2500 mg/kg              | -            |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1<br>acetonitrile        | LC50 Inhalation Vapour<br>LD50 Oral | Rat<br>Rat         | 17100 ppm<br>2460 mg/kg | 4 hours<br>- |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2<br>acetonitrile        | LC50 Inhalation Vapour              | Rat                | 17100 ppm               | 4 hours      |

**SECTION 11: Toxicological information**

|                                                                                                   |                                     |                       |                         |              |
|---------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------|-------------------------|--------------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3<br>acetonitrile                     | LD50 Oral                           | Rat                   | 2460 mg/kg              | -            |
|                                                                                                   | LC50 Inhalation Vapour<br>LD50 Oral | Rat<br>Rat            | 17100 ppm<br>2460 mg/kg | 4 hours<br>- |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8<br>propan-2-ol<br><br>Sodium iodide | LD50 Dermal                         | Rabbit                | 12800 mg/kg             | -            |
|                                                                                                   | LD50 Oral                           | Rat                   | 5000 mg/kg              | -            |
|                                                                                                   | LD50 Dermal                         | Rat - Male,<br>Female | >2000 mg/kg             | -            |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10<br>acetonitrile                    | LD50 Oral                           | Rat                   | 4340 mg/kg              | -            |
|                                                                                                   | LC50 Inhalation Vapour<br>LD50 Oral | Rat<br>Rat            | 17100 ppm<br>2460 mg/kg | 4 hours<br>- |

**Acute toxicity estimates**

| Product/ingredient name                                                                                                                        | Oral (mg/kg) | Dermal (mg/kg) | Inhalation (gases) (ppm) | Inhalation (vapours) (mg/l) | Inhalation (dusts and mists) (mg/l) |
|------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|--------------------------|-----------------------------|-------------------------------------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4<br>reserpine                                                                     | 420          | N/A            | N/A                      | N/A                         | N/A                                 |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7<br>chloramphenicol                                                               | 2500         | N/A            | N/A                      | N/A                         | N/A                                 |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1<br>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1<br>acetonitrile | 1136.5       | 2500.4         | N/A                      | 25.0                        | N/A                                 |
|                                                                                                                                                | 500          | 1100           | N/A                      | 11                          | N/A                                 |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2<br>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2<br>acetonitrile | 1150.6       | 2531.2         | N/A                      | 25.3                        | N/A                                 |
|                                                                                                                                                | 500          | 1100           | N/A                      | 11                          | N/A                                 |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3<br>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3<br>acetonitrile | 1136.5       | 2500.2         | N/A                      | 25.0                        | N/A                                 |
|                                                                                                                                                | 500          | 1100           | N/A                      | 11                          | N/A                                 |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8<br>propan-2-ol<br>Sodium iodide                                                  | 5000         | 12800          | N/A                      | 72.2                        | N/A                                 |
|                                                                                                                                                | 4340         | N/A            | N/A                      | N/A                         | N/A                                 |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10<br>TQD/Q-Premier/XE/Q-Micro Qualification Standards                             | 1136.6       | 2500.6         | N/A                      | 25.0                        | N/A                                 |

**SECTION 11: Toxicological information**

|                               |     |      |     |    |     |
|-------------------------------|-----|------|-----|----|-----|
| Test Kit, #10<br>acetonitrile | 500 | 1100 | N/A | 11 | N/A |
|-------------------------------|-----|------|-----|----|-----|

**Irritation/Corrosion**

| Product/ingredient name                                                        | Result                                               | Species          | Score  | Exposure                  | Observation |
|--------------------------------------------------------------------------------|------------------------------------------------------|------------------|--------|---------------------------|-------------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1<br>acetonitrile  | Eyes - Moderate irritant                             | Rabbit           | -      | 24 hours 100 uL           | -           |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2<br>acetonitrile  | Eyes - Moderate irritant                             | Rabbit           | -      | 24 hours 100 uL           | -           |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3<br>acetonitrile  | Eyes - Moderate irritant                             | Rabbit           | -      | 24 hours 100 uL           | -           |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8<br>propan-2-ol   | Eyes - Moderate irritant<br>Eyes - Moderate irritant | Rabbit<br>Rabbit | -<br>- | 10 mg<br>24 hours 100 mg  | -<br>-      |
| Sodium iodide                                                                  | Skin - Mild irritant<br>Eyes - Moderate irritant     | Rabbit<br>Rabbit | -<br>- | 500 mg<br>24 hours 100 mg | -<br>-      |
|                                                                                | Skin - Moderate irritant                             | Rabbit           | -      | 24 hours 500 mg           | -           |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10<br>acetonitrile | Eyes - Moderate irritant                             | Rabbit           | -      | 24 hours 100 uL           | -           |

**Sensitiser**

**Conclusion/Summary** : Not available.

**Mutagenicity**

**Conclusion/Summary** : Not available.

**Carcinogenicity**

**Conclusion/Summary** : Not available.

**Reproductive toxicity**

**Conclusion/Summary** : Not available.

**Teratogenicity**

**Conclusion/Summary** : Not available.

**Specific target organ toxicity (single exposure)**

| Product/ingredient name                                                      | Category   | Route of exposure | Target organs    |
|------------------------------------------------------------------------------|------------|-------------------|------------------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8<br>propan-2-ol | Category 3 | -                 | Narcotic effects |

**Specific target organ toxicity (repeated exposure)**

**SECTION 11: Toxicological information**

| Product/ingredient name                                                        | Category   | Route of exposure | Target organs |
|--------------------------------------------------------------------------------|------------|-------------------|---------------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8<br>Sodium iodide | Category 1 | oral              | thyroid       |

**Aspiration hazard**

Not available.

**Information on likely routes of exposure**

- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4  
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5  
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6  
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7  
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9  
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2  
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3  
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10
- Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.  
Not available.  
Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.  
Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.  
Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.  
Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.  
Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.  
Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.  
Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.  
Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.

**Potential acute health effects**

**Inhalation**

- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4  
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5  
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6  
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7  
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9  
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2
- Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.  
No known significant effects or critical hazards.  
No known significant effects or critical hazards.  
No known significant effects or critical hazards.  
No known significant effects or critical hazards.  
No known significant effects or critical hazards.  
No known significant effects or critical hazards.  
No known significant effects or critical hazards.  
No known significant effects or critical hazards.

**SECTION 11: Toxicological information**

|                     |                                                                         |                                                                                       |
|---------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                     | Standards Test Kit, #3<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. |
|                     | Standards Test Kit, #8<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards.                                     |
| <b>Ingestion</b>    | : Standards Test Kit, #10<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification | Harmful if swallowed.                                                                 |
|                     | Standards Test Kit, #4<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards.                                     |
|                     | Standards Test Kit, #5<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards.                                     |
|                     | Standards Test Kit, #6<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards.                                     |
|                     | Standards Test Kit, #7<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards.                                     |
|                     | Standards Test Kit, #9<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | Harmful if swallowed.                                                                 |
|                     | Standards Test Kit, #1<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | Harmful if swallowed.                                                                 |
|                     | Standards Test Kit, #2<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | Harmful if swallowed.                                                                 |
|                     | Standards Test Kit, #3<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | Can cause central nervous system (CNS) depression.                                    |
|                     | Standards Test Kit, #8<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | Harmful if swallowed.                                                                 |
| <b>Skin contact</b> | : Standards Test Kit, #10<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification | No known significant effects or critical hazards.                                     |
|                     | Standards Test Kit, #4<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards.                                     |
|                     | Standards Test Kit, #5<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards.                                     |
|                     | Standards Test Kit, #6<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards.                                     |
|                     | Standards Test Kit, #7<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | May cause an allergic skin reaction.                                                  |
|                     | Standards Test Kit, #9<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards.                                     |
|                     | Standards Test Kit, #1<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards.                                     |
|                     | Standards Test Kit, #2<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards.                                     |
|                     | Standards Test Kit, #3<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards.                                     |

**SECTION 11: Toxicological information**

|                    |                                                                     |                                                                                                                      |
|--------------------|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
|                    | Standards Test Kit, #8<br>TQD/Q-Premier/XE/Q-Micro Qualification    | No known significant effects or critical hazards.                                                                    |
| <b>Eye contact</b> | : Standards Test Kit, #10<br>TQD/Q-Premier/XE/Q-Micro Qualification | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | Standards Test Kit, #4<br>TQD/Q-Premier/XE/Q-Micro Qualification    | No known significant effects or critical hazards.                                                                    |
|                    | Standards Test Kit, #5<br>TQD/Q-Premier/XE/Q-Micro Qualification    | No known significant effects or critical hazards.                                                                    |
|                    | Standards Test Kit, #6<br>TQD/Q-Premier/XE/Q-Micro Qualification    | No known significant effects or critical hazards.                                                                    |
|                    | Standards Test Kit, #7<br>TQD/Q-Premier/XE/Q-Micro Qualification    | No known significant effects or critical hazards.                                                                    |
|                    | Standards Test Kit, #9<br>TQD/Q-Premier/XE/Q-Micro Qualification    | Causes serious eye irritation.                                                                                       |
|                    | Standards Test Kit, #1<br>TQD/Q-Premier/XE/Q-Micro Qualification    | Causes serious eye irritation.                                                                                       |
|                    | Standards Test Kit, #2<br>TQD/Q-Premier/XE/Q-Micro Qualification    | Causes serious eye irritation.                                                                                       |
|                    | Standards Test Kit, #3<br>TQD/Q-Premier/XE/Q-Micro Qualification    | Causes serious eye irritation.                                                                                       |
|                    | Standards Test Kit, #8<br>TQD/Q-Premier/XE/Q-Micro Qualification    | Causes serious eye irritation.                                                                                       |
|                    | Standards Test Kit, #10                                             |                                                                                                                      |

**Symptoms related to the physical, chemical and toxicological characteristics**

|                   |                                                                  |                                             |
|-------------------|------------------------------------------------------------------|---------------------------------------------|
| <b>Inhalation</b> | : TQD/Q-Premier/XE/Q-Micro Qualification                         | Adverse symptoms may include the following: |
|                   | Standards Test Kit, #4                                           | respiratory tract irritation<br>coughing    |
|                   | TQD/Q-Premier/XE/Q-Micro Qualification                           | No specific data.                           |
|                   | Standards Test Kit, #5<br>TQD/Q-Premier/XE/Q-Micro Qualification | No specific data.                           |
|                   | Standards Test Kit, #6<br>TQD/Q-Premier/XE/Q-Micro Qualification | No specific data.                           |
|                   | Standards Test Kit, #7<br>TQD/Q-Premier/XE/Q-Micro Qualification | No specific data.                           |
|                   | Standards Test Kit, #9<br>TQD/Q-Premier/XE/Q-Micro Qualification | No specific data.                           |
|                   | Standards Test Kit, #1<br>TQD/Q-Premier/XE/Q-Micro Qualification | No specific data.                           |
|                   | Standards Test Kit, #2<br>TQD/Q-Premier/XE/Q-Micro Qualification | No specific data.                           |
|                   | Standards Test Kit, #3<br>TQD/Q-Premier/XE/Q-Micro Qualification | Adverse symptoms may include the following: |

**SECTION 11: Toxicological information**

|                     |                                                                  |                                                                                                                   |
|---------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
|                     | Standards Test Kit, #8                                           | nausea or vomiting<br>headache<br>drowsiness/fatigue<br>dizziness/vertigo<br>unconsciousness<br>No specific data. |
| <b>Ingestion</b>    | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 | No specific data.                                                                                                 |
|                     | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4  | No specific data.                                                                                                 |
|                     | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5  | No specific data.                                                                                                 |
|                     | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6  | No specific data.                                                                                                 |
|                     | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7  | No specific data.                                                                                                 |
|                     | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9  | No specific data.                                                                                                 |
|                     | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  | No specific data.                                                                                                 |
|                     | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2  | No specific data.                                                                                                 |
|                     | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3  | No specific data.                                                                                                 |
|                     | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  | No specific data.                                                                                                 |
| <b>Skin contact</b> | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4  | No specific data.                                                                                                 |
|                     | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5  | No specific data.                                                                                                 |
|                     | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6  | No specific data.                                                                                                 |
|                     | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7  | Adverse symptoms may include the following:<br><br>irritation<br>redness                                          |
|                     | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9  | No specific data.                                                                                                 |
|                     | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  | No specific data.                                                                                                 |
|                     | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2  | No specific data.                                                                                                 |

**SECTION 11: Toxicological information**

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b> | : Micro Qualification Standards Test Kit, #3 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10<br>: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4<br><br>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1<br><br>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2<br><br>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3<br><br>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8<br><br>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 | No specific data.<br><br>No specific data.<br><br>Adverse symptoms may include the following:<br>irritation<br>redness<br>No specific data.<br><br>No specific data.<br><br>No specific data.<br><br>No specific data.<br><br>No specific data.<br><br>Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness<br>Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness<br>Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness<br>Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness<br>Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Short term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

**Long term exposure**

**SECTION 11: Toxicological information**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

**Potential chronic health effects**

**Conclusion/Summary** : Not available.

|                        |                                                                 |                                                                                                     |
|------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>General</b>         | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.                |
|                        | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5   | No known significant effects or critical hazards.                                                   |
|                        | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6   | No known significant effects or critical hazards.                                                   |
|                        | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7   | No known significant effects or critical hazards.                                                   |
|                        | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9   | Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. |
|                        | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1   | No known significant effects or critical hazards.                                                   |
|                        | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2   | No known significant effects or critical hazards.                                                   |
|                        | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3   | No known significant effects or critical hazards.                                                   |
|                        | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8   | No known significant effects or critical hazards.                                                   |
|                        | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10  | No known significant effects or critical hazards.                                                   |
| <b>Carcinogenicity</b> | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 | No known significant effects or critical hazards.                                                   |
|                        | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5   | No known significant effects or critical hazards.                                                   |
|                        | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6   | No known significant effects or critical hazards.                                                   |
|                        | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7   | May cause cancer. Risk of cancer depends on duration and level of exposure.                         |
|                        | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9   | No known significant effects or critical hazards.                                                   |
|                        | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1   | No known significant effects or critical hazards.                                                   |
|                        | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2   | No known significant effects or critical hazards.                                                   |
|                        | TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3   | No known significant effects or critical hazards.                                                   |
|                        | TQD/Q-Premier/XE/Q-Micro Qualification                          | No known significant effects or critical hazards.                                                   |

**SECTION 11: Toxicological information**

|                              |                                                                         |                                                   |
|------------------------------|-------------------------------------------------------------------------|---------------------------------------------------|
|                              | Standards Test Kit, #8<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards. |
| <b>Mutagenicity</b>          | : Standards Test Kit, #10<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification | No known significant effects or critical hazards. |
|                              | Standards Test Kit, #4<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards. |
|                              | Standards Test Kit, #5<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards. |
|                              | Standards Test Kit, #6<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards. |
|                              | Standards Test Kit, #7<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards. |
|                              | Standards Test Kit, #9<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards. |
|                              | Standards Test Kit, #1<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards. |
|                              | Standards Test Kit, #2<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards. |
|                              | Standards Test Kit, #3<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards. |
|                              | Standards Test Kit, #8<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards. |
| <b>Reproductive toxicity</b> | : Standards Test Kit, #10<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification | No known significant effects or critical hazards. |
|                              | Standards Test Kit, #4<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards. |
|                              | Standards Test Kit, #5<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards. |
|                              | Standards Test Kit, #6<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards. |
|                              | Standards Test Kit, #7<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards. |
|                              | Standards Test Kit, #9<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards. |
|                              | Standards Test Kit, #1<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards. |
|                              | Standards Test Kit, #2<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards. |
|                              | Standards Test Kit, #3<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards. |
|                              | Standards Test Kit, #8<br>TQD/Q-Premier/XE/Q-<br>Micro Qualification    | No known significant effects or critical hazards. |

**SECTION 11: Toxicological information**

Standards Test Kit, #10

**11.2 Information on other hazards**

**11.2.1 Endocrine disrupting properties**

Not available.

**11.2.2 Other information**

Not available.

**SECTION 12: Ecological information**

**12.1 Toxicity**

| Product/ingredient name                                                              | Result                                | Species                                                           | Exposure |
|--------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------|----------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6<br>hydroxyprogesterone | Acute EC50 >2.6 mg/l Fresh water      | Algae - <i>Desmodesmus subspicatus</i>                            | 72 hours |
|                                                                                      | Acute EC50 1.045 mg/l Fresh water     | Daphnia - <i>Daphnia magna</i>                                    | 48 hours |
|                                                                                      | Acute LC50 >4.207 mg/l Fresh water    | Fish - <i>Danio rerio</i>                                         | 96 hours |
|                                                                                      | Acute NOEC 0.041 mg/l Fresh water     | Algae - <i>Desmodesmus subspicatus</i>                            | 72 hours |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7<br>chloramphenicol     | Acute EC50 53.7 ug/ml Marine water    | Crustaceans - <i>Penaeus stylirostris</i>                         | 48 hours |
|                                                                                      | Acute EC50 345000 µg/l Fresh water    | Daphnia - <i>Daphnia magna</i>                                    | 48 hours |
|                                                                                      | Acute IC50 0.1 mg/l Fresh water       | Algae - <i>Scenedesmus intermedius</i> - Exponential growth phase | 72 hours |
|                                                                                      | Chronic NOEC 10 mg/l Marine water     | Algae - <i>Tetraselmis suecica</i> - Exponential growth phase     | 96 hours |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9<br>sulfadimethoxine    | Acute EC50 183.9 mg/l Fresh water     | Crustaceans - <i>Moina macrocopa</i>                              | 48 hours |
|                                                                                      | Acute EC50 248 mg/l Fresh water       | Daphnia - <i>Daphnia magna</i>                                    | 48 hours |
|                                                                                      | Acute LC50 >100 mg/l Fresh water      | Fish - <i>Oryzias latipes</i>                                     | 96 hours |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1<br>acetonitrile        | Acute IC50 3685000 µg/l Fresh water   | Aquatic plants - <i>Lemna minor</i>                               | 96 hours |
|                                                                                      | Acute LC50 3600000 µg/l Fresh water   | Daphnia - <i>Daphnia magna</i>                                    | 48 hours |
|                                                                                      | Acute LC50 1000000 µg/l Fresh water   | Fish - <i>Pimephales promelas</i>                                 | 96 hours |
|                                                                                      | Chronic NOEC 1000000 µg/l Fresh water | Aquatic plants - <i>Lemna minor</i>                               | 96 hours |
|                                                                                      | Chronic NOEC 160000 µg/l Fresh water  | Daphnia - <i>Daphnia magna</i>                                    | 21 days  |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2<br>acetonitrile        | Acute IC50 3685000 µg/l Fresh water   | Aquatic plants - <i>Lemna minor</i>                               | 96 hours |
|                                                                                      | Acute LC50 3600000 µg/l Fresh water   | Daphnia - <i>Daphnia magna</i>                                    | 48 hours |
|                                                                                      | Acute LC50 1000000 µg/l Fresh water   | Fish - <i>Pimephales promelas</i>                                 | 96 hours |
|                                                                                      | Chronic NOEC 1000000 µg/l Fresh water | Aquatic plants - <i>Lemna minor</i>                               | 96 hours |
|                                                                                      | Chronic NOEC 160000 µg/l Fresh water  | Daphnia - <i>Daphnia magna</i>                                    | 21 days  |

**SECTION 12: Ecological information**

|                                                                                                                  |                                                                                                                                                                                                               |                                                                                                                                                                                                                |                                                                         |
|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</b><br/>acetonitrile</p>                     | <p>Acute IC50 3685000 µg/l Fresh water<br/>Acute LC50 3600000 µg/l Fresh water<br/>Acute LC50 1000000 µg/l Fresh water<br/>Chronic NOEC 1000000 µg/l Fresh water<br/>Chronic NOEC 160000 µg/l Fresh water</p> | <p>Aquatic plants - <i>Lemna minor</i><br/>Daphnia - <i>Daphnia magna</i><br/>Fish - <i>Pimephales promelas</i><br/>Aquatic plants - <i>Lemna minor</i><br/><br/>Daphnia - <i>Daphnia magna</i></p>            | <p>96 hours<br/>48 hours<br/>96 hours<br/>96 hours<br/><br/>21 days</p> |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8</b><br/>propan-2-ol</p> <p>Sodium iodide</p> | <p>Acute EC50 7550 mg/l Fresh water<br/><br/>Acute LC50 1400000 µg/l Marine water<br/>Acute LC50 4200 mg/l Fresh water<br/>Acute LC50 0.17 mg/l Fresh water<br/>Acute LC50 860 mg/l Fresh water</p>           | <p>Daphnia - <i>Daphnia magna</i> - Neonate<br/>Crustaceans - <i>Crangon crangon</i><br/>Fish - <i>Rasbora heteromorpha</i><br/>Daphnia - <i>Daphnia magna</i><br/>Fish - <i>Oncorhynchus mykiss</i> - Fry</p> | <p>48 hours<br/>48 hours<br/>96 hours<br/>48 hours<br/>96 hours</p>     |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</b><br/>acetonitrile</p>                    | <p>Acute IC50 3685000 µg/l Fresh water<br/>Acute LC50 3600000 µg/l Fresh water<br/>Acute LC50 1000000 µg/l Fresh water<br/>Chronic NOEC 1000000 µg/l Fresh water<br/>Chronic NOEC 160000 µg/l Fresh water</p> | <p>Aquatic plants - <i>Lemna minor</i><br/>Daphnia - <i>Daphnia magna</i><br/>Fish - <i>Pimephales promelas</i><br/>Aquatic plants - <i>Lemna minor</i><br/><br/>Daphnia - <i>Daphnia magna</i></p>            | <p>96 hours<br/>48 hours<br/>96 hours<br/>96 hours<br/><br/>21 days</p> |

**12.2 Persistence and degradability**

| Product/ingredient name                                                                             | Test                                                                            | Result                          | Dose            | Inoculum                |
|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------|-----------------|-------------------------|
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6</b><br/>hydroxyprogesterone</p> | <p>OECD 301F Ready Biodegradability - Manometric Respirometry Test</p>          | <p>74 % - Readily - 28 days</p> | <p>100 mg/l</p> | <p>-</p>                |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1</b><br/>acetonitrile</p>        | <p>OECD 310 Ready Biodegradability - CO2 in Sealed Vessels (Headspace Test)</p> | <p>70 % - Readily - 21 days</p> | <p>-</p>        | <p>Activated sludge</p> |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2</b><br/>acetonitrile</p>        | <p>OECD 310 Ready Biodegradability - CO2 in Sealed</p>                          | <p>70 % - Readily - 21 days</p> | <p>-</p>        | <p>Activated sludge</p> |

**SECTION 12: Ecological information**

|                                                                                               |                                                                                                                 |                                 |          |                         |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------|----------|-------------------------|
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</b><br/>acetonitrile</p>  | <p>Vessels (Headspace Test)</p> <p>OECD 310 Ready Biodegradability - CO2 in Sealed Vessels (Headspace Test)</p> | <p>70 % - Readily - 21 days</p> | <p>-</p> | <p>Activated sludge</p> |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</b><br/>acetonitrile</p> | <p>OECD 310 Ready Biodegradability - CO2 in Sealed Vessels (Headspace Test)</p>                                 | <p>70 % - Readily - 21 days</p> | <p>-</p> | <p>Activated sludge</p> |

| Product/ingredient name                                                                             | Aquatic half-life | Photolysis | Biodegradability |
|-----------------------------------------------------------------------------------------------------|-------------------|------------|------------------|
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6</b><br/>hydroxyprogesterone</p> | <p>-</p>          | <p>-</p>   | <p>Readily</p>   |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1</b><br/>acetonitrile</p>        | <p>-</p>          | <p>-</p>   | <p>Readily</p>   |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2</b><br/>acetonitrile</p>        | <p>-</p>          | <p>-</p>   | <p>Readily</p>   |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</b><br/>acetonitrile</p>        | <p>-</p>          | <p>-</p>   | <p>Readily</p>   |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8</b><br/>propan-2-ol</p>         | <p>-</p>          | <p>-</p>   | <p>Readily</p>   |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</b><br/>acetonitrile</p>       | <p>-</p>          | <p>-</p>   | <p>Readily</p>   |

**12.3 Bioaccumulative potential**

**SECTION 12: Ecological information**

| Product/ingredient name                                                                       | LogP <sub>ow</sub> | BCF       | Potential   |
|-----------------------------------------------------------------------------------------------|--------------------|-----------|-------------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4<br>reserpine                    | 3.3                | -         | Low         |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6<br>hydroxyprogesterone          | 3.17               | -         | Low         |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7<br>chloramphenicol              | 1.14               | -         | Low         |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9<br>sulfadimethoxine             | 1.63               | -         | Low         |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1<br>acetonitrile                 | -0.34              | 3         | Low         |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2<br>acetonitrile                 | -0.34              | 3         | Low         |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3<br>acetonitrile                 | -0.34              | 3         | Low         |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8<br>propan-2-ol<br>Sodium iodide | 0.05<br>0.05       | -<br>1020 | Low<br>High |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10<br>acetonitrile                | -0.34              | 3         | Low         |

**12.4 Mobility in soil**

Soil/water partition coefficient (K<sub>oc</sub>) : Not available.

Mobility : Not available.

**12.5 Results of PBT and vPvB assessment**

## SECTION 12: Ecological information

| Product/ingredient name                                                                                                                                              | PBT | P   | B   | T   | vPvB | vP  | vB  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|------|-----|-----|
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4</b><br>reserpine                                                                                    | No  | N/A | N/A | No  | N/A  | N/A | N/A |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5</b><br>α-D-Glucopyranoside, β-D-fructofuranosyl O-α-D-galactopyranosyl-(1.fwdarw.6)-, hydrate (1:5) | No  | N/A | N/A | No  | N/A  | N/A | N/A |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6</b><br>hydroxyprogesterone                                                                          | No  | N/A | N/A | No  | N/A  | N/A | N/A |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7</b><br>chloramphenicol                                                                              | N/A | N/A | N/A | Yes | N/A  | N/A | N/A |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9</b><br>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9                                | No  | N/A | N/A | No  | N/A  | N/A | N/A |

### 12.6 Endocrine disrupting properties

Not available.

### 12.7 Other adverse effects

No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

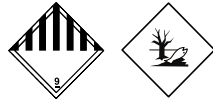
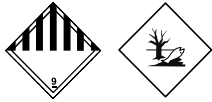

**Hazardous waste** : The classification of the product may meet the criteria for a hazardous waste.

#### Packaging

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions** : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport information

|                                 | ADR/RID                                                                                | IMDG                                                                                   | IATA                                                                                     |
|---------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 14.1 UN number or ID number     | UN3316                                                                                 | UN3316                                                                                 | UN3316                                                                                   |
| 14.2 UN proper shipping name    | CHEMICAL KIT                                                                           | CHEMICAL KIT                                                                           | Chemical kit                                                                             |
| 14.3 Transport hazard class(es) | 9<br> | 9<br> | 9<br> |
| 14.4 Packing group              | II                                                                                     | II                                                                                     | II                                                                                       |
| 14.5 Environmental hazards      | Yes.                                                                                   | Yes.                                                                                   | Yes. The environmentally hazardous substance mark is not required.                       |

### Additional information

#### ADR/RID

- : The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.  
**Hazard identification number** 90  
**Limited quantity** See SP 251  
**Special provisions** 251, 340, 671  
**Tunnel code** (E)

#### IMDG

- : The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.  
**Emergency schedules** F-A, \_S-P\_  
**Special provisions** 251, 340

#### IATA

- : The environmentally hazardous substance mark may appear if required by other transportation regulations.  
**Quantity limitation** Passenger and Cargo Aircraft: 10 kg. Packaging instructions: 960. Cargo Aircraft Only: 10 kg. Packaging instructions: 960. Limited Quantities - Passenger Aircraft: 1 kg. Packaging instructions: Y960.  
**Special provisions** A44, A163

#### 14.6 Special precautions for user

- : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

#### 14.7 Transport in bulk according to IMO instruments

- : Not available.

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU Regulation (EC) No. 1907/2006 (REACH)

##### Annex XIV - List of substances subject to authorisation

##### Annex XIV

None of the components are listed.

##### Substances of very high concern

None of the components are listed.

##### Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

**SECTION 15: Regulatory information**

| Product / Ingredient name                                                                                                                                | Identifiers | Designation [Usage] |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------|
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7</b><br>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7<br>chloramphenicol |             | 28<br>28            |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1</b><br>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1                    |             | 3                   |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2</b><br>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2                    |             | 3                   |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</b><br>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3                    |             | 3                   |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8</b><br>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8                    |             | 3                   |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</b><br>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10                  |             | 3                   |

|              |                                                                  |                                   |
|--------------|------------------------------------------------------------------|-----------------------------------|
| <b>Label</b> | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4  | Not applicable.                   |
|              | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5  | Not applicable.                   |
|              | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6  | Not applicable.                   |
|              | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7  | Restricted to professional users. |
|              | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9  | Not applicable.                   |
|              | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1  | Not applicable.                   |
|              | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2  | Not applicable.                   |
|              | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3  | Not applicable.                   |
|              | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  | Not applicable.                   |
|              | : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 | Not applicable.                   |

**Other EU regulations**

## SECTION 15: Regulatory information

**Industrial emissions (integrated pollution prevention and control) - Air** : Listed

**Industrial emissions (integrated pollution prevention and control) - Water** : Listed

### Ozone depleting substances (1005/2009/EU)

Not listed.

### Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

### Persistent Organic Pollutants

Not listed.

### Seveso Directive

This product is controlled under the Seveso Directive.

#### Danger criteria

| Category                                                              |
|-----------------------------------------------------------------------|
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6<br>E2   |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7<br>E1   |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1<br>P5c  |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2<br>P5c  |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3<br>P5c  |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8<br>P5c  |
| TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10<br>P5c |

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

#### Inventory list

**Australia** : Not determined.

## SECTION 15: Regulatory information

|                                |                                                                                                    |
|--------------------------------|----------------------------------------------------------------------------------------------------|
| <b>Canada</b>                  | : Not determined.                                                                                  |
| <b>China</b>                   | : Not determined.                                                                                  |
| <b>Eurasian Economic Union</b> | : <b>Russian Federation inventory:</b> All components are listed or exempted.                      |
| <b>Japan</b>                   | : <b>Japan inventory (CSCL):</b> Not determined.<br><b>Japan inventory (ISHL):</b> Not determined. |
| <b>New Zealand</b>             | : Not determined.                                                                                  |
| <b>Philippines</b>             | : Not determined.                                                                                  |
| <b>Republic of Korea</b>       | : Not determined.                                                                                  |
| <b>Taiwan</b>                  | : Not determined.                                                                                  |
| <b>Thailand</b>                | : Not determined.                                                                                  |
| <b>Turkey</b>                  | : Not determined.                                                                                  |
| <b>United States</b>           | : Not determined.                                                                                  |
| <b>Viet Nam</b>                | : All components are listed or exempted.                                                           |

**15.2 Chemical safety assessment** : This product contains substances for which Chemical Safety Assessments might still be required.

## SECTION 16: Other information

✔ Indicates information that has changed from previously issued version.

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Abbreviations and acronyms</b> | : ATE = Acute Toxicity Estimate<br>CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]<br>DMEL = Derived Minimal Effect Level<br>DNEL = Derived No Effect Level<br>EUH statement = CLP-specific Hazard statement<br>N/A = Not available<br>PBT = Persistent, Bioaccumulative and Toxic<br>PNEC = Predicted No Effect Concentration<br>RRN = REACH Registration Number<br>vPvB = Very Persistent and Very Bioaccumulative |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification                                                                                                                             | Justification                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4</b><br>Acute Tox. 4, H302                                                 | On basis of test data                                          |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6</b><br>Aquatic Chronic 2, H411                                            | Calculation method                                             |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7</b><br>Carc. 1B, H350<br>Aquatic Acute 1, H400<br>Aquatic Chronic 3, H412 | Calculation method<br>Calculation method<br>Calculation method |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9</b><br>Skin Sens. 1, H317                                                 | Calculation method                                             |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1</b><br>Flam. Liq. 2, H225<br>Acute Tox. 4, H302<br>Eye Irrit. 2, H319     | Expert judgment<br>Calculation method<br>Calculation method    |
| <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2</b><br>Flam. Liq. 2, H225<br>Acute Tox. 4, H302<br>Eye Irrit. 2, H319     | Expert judgment<br>Calculation method<br>Calculation method    |

**SECTION 16: Other information**

|                                                                                                                                                                                                      |                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</b><br/>                 Flam. Liq. 2, H225<br/>                 Acute Tox. 4, H302<br/>                 Eye Irrit. 2, H319</p>  | <p>Expert judgment<br/>                 Calculation method<br/>                 Calculation method</p> |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8</b><br/>                 Flam. Liq. 2, H225<br/>                 Eye Irrit. 2, H319<br/>                 STOT SE 3, H336</p>     | <p>Expert judgment<br/>                 Calculation method<br/>                 Calculation method</p> |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</b><br/>                 Flam. Liq. 2, H225<br/>                 Acute Tox. 4, H302<br/>                 Eye Irrit. 2, H319</p> | <p>Expert judgment<br/>                 Calculation method<br/>                 Calculation method</p> |

Full text of abbreviated H statements

|                                                                                                                                                                                                               |                                                                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4</b><br/>                 H302</p>                                                                                                         | <p>Harmful if swallowed.</p>                                                                                                                                                                                                          |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6</b><br/>                 H411</p>                                                                                                         | <p>Toxic to aquatic life with long lasting effects.</p>                                                                                                                                                                               |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7</b><br/>                 H350<br/>                 H400<br/>                 H412</p>                                                     | <p>May cause cancer.<br/>                 Very toxic to aquatic life.<br/>                 Harmful to aquatic life with long lasting effects.</p>                                                                                     |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9</b><br/>                 H317</p>                                                                                                         | <p>May cause an allergic skin reaction.</p>                                                                                                                                                                                           |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1</b><br/>                 H225<br/>                 H302<br/>                 H312<br/>                 H319<br/>                 H332</p> | <p>Highly flammable liquid and vapour.<br/>                 Harmful if swallowed.<br/>                 Harmful in contact with skin.<br/>                 Causes serious eye irritation.<br/>                 Harmful if inhaled.</p> |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2</b><br/>                 H225<br/>                 H302<br/>                 H312<br/>                 H319<br/>                 H332</p> | <p>Highly flammable liquid and vapour.<br/>                 Harmful if swallowed.<br/>                 Harmful in contact with skin.<br/>                 Causes serious eye irritation.<br/>                 Harmful if inhaled.</p> |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</b><br/>                 H225<br/>                 H302<br/>                 H312<br/>                 H319<br/>                 H332</p> | <p>Highly flammable liquid and vapour.<br/>                 Harmful if swallowed.<br/>                 Harmful in contact with skin.<br/>                 Causes serious eye irritation.<br/>                 Harmful if inhaled.</p> |
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8</b><br/>                 H225<br/>                 H315<br/>                 H319</p>                                                     | <p>Highly flammable liquid and vapour.<br/>                 Causes skin irritation.<br/>                 Causes serious eye irritation.</p>                                                                                           |

**SECTION 16: Other information**

|                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>H336<br/>H372<br/>H400<br/>H410</p> <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</b></p> <p>H225<br/>H302<br/>H312<br/>H319<br/>H332</p> | <p>May cause drowsiness or dizziness.<br/>Causes damage to organs through prolonged or repeated exposure.<br/>Very toxic to aquatic life.<br/>Very toxic to aquatic life with long lasting effects.</p> <p>Highly flammable liquid and vapour.<br/>Harmful if swallowed.<br/>Harmful in contact with skin.<br/>Causes serious eye irritation.<br/>Harmful if inhaled.</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

[Full text of classifications \[CLP/GHS\]](#)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4</b><br/>Acute Tox. 4</p> <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6</b><br/>Aquatic Chronic 2</p> <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7</b><br/>Aquatic Acute 1<br/>Aquatic Chronic 3<br/>Carc. 1B</p> <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9</b><br/>Skin Sens. 1</p> <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1</b><br/>Acute Tox. 4<br/>Eye Irrit. 2<br/>Flam. Liq. 2</p> <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2</b><br/>Acute Tox. 4<br/>Eye Irrit. 2<br/>Flam. Liq. 2</p> <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</b><br/>Acute Tox. 4<br/>Eye Irrit. 2<br/>Flam. Liq. 2</p> <p><b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8</b><br/>Aquatic Acute 1<br/>Aquatic Chronic 1<br/>Eye Irrit. 2<br/>Flam. Liq. 2<br/>Skin Irrit. 2<br/>STOT RE 1</p> <p>STOT SE 3</p> <p><b>TQD/Q-Premier/XE/Q-Micro Qualification</b></p> | <p>ACUTE TOXICITY - Category 4</p> <p>LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2</p> <p>SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1<br/>LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3<br/>CARCINOGENICITY - Category 1B</p> <p>SKIN SENSITISATION - Category 1</p> <p>ACUTE TOXICITY - Category 4<br/>SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2<br/>FLAMMABLE LIQUIDS - Category 2</p> <p>ACUTE TOXICITY - Category 4<br/>SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2<br/>FLAMMABLE LIQUIDS - Category 2</p> <p>ACUTE TOXICITY - Category 4<br/>SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2<br/>FLAMMABLE LIQUIDS - Category 2</p> <p>SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1<br/>LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1<br/>SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2<br/>FLAMMABLE LIQUIDS - Category 2<br/>SKIN CORROSION/IRRITATION - Category 2<br/>SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 1<br/>SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Waters TQD/Q-Premier/XE/Q-Micro kit, Part Number MV-W-700002646

## SECTION 16: Other information

|                                                                                |                                                                                                                 |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Standards Test Kit, #10</b><br>Acute Tox. 4<br>Eye Irrit. 2<br>Flam. Liq. 2 | ACUTE TOXICITY - Category 4<br>SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2<br>FLAMMABLE LIQUIDS - Category 2 |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|

**Date of issue/ Date of revision** : 19/02/2024

**Date of previous issue** : No previous validation

**Version** : 1

### Notice to reader

**Disclaimer:** The information contained in this document is based on Agilent's state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.