

# SAFETY DATA SHEET

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

## Section 1. Identification

<b>Product identifier</b>	: Waters TQD/Q-Premier/XE/Q-Micro kit, Part Number MV-W-700002646	
<b>Part no. (chemical kit)</b>	: MV-W-700002646	
<b>Part no.</b>	: <input checked="" type="checkbox"/> 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

### Relevant identified uses of the substance or mixture and uses advised against

<b>Identified uses</b>	: <input checked="" type="checkbox"/> Reagents and Standards for Analytical Chemistry Laboratory Use	
	: <input checked="" type="checkbox"/> 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

**Supplier/Manufacturer** : Agilent Technologies, Inc.  
5301 Stevens Creek Blvd  
Santa Clara, CA 95051, USA  
800-227-9770

## Section 1. Identification

**Emergency telephone number (with hours of operation)** : CHEMTREC®: 1-800-424-9300

## Section 2. Hazard identification

### Classification of the substance or mixture

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

H302 COMBUSTIBLE DUSTS - Category 1  
ACUTE TOXICITY (oral) - Category 4

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

H411 AQUATIC HAZARD (LONG-TERM) - Category 2

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

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

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

H317 SKIN SENSITIZATION - 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 EYE IRRITATION - Category 2A

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

H225 FLAMMABLE LIQUIDS - Category 2  
H302 ACUTE TOXICITY (oral) - Category 4  
H319 EYE IRRITATION - Category 2A

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

H225 FLAMMABLE LIQUIDS - Category 2  
H302 ACUTE TOXICITY (oral) - Category 4  
H319 EYE IRRITATION - Category 2A

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

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

## Section 2. Hazard identification
















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

H225  
 H302  
 H319

FLAMMABLE LIQUIDS - Category 2  
 ACUTE TOXICITY (oral) - Category 4  
 EYE IRRITATION - Category 2A

### GHS label elements

#### 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	▶	 	

## Section 2. Hazard identification

<b>Signal word</b>	: 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-Micro Qualification Standards Test Kit, #2	Danger
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3	Danger
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8	Danger
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	Danger
<b>Hazard statements</b>	: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	H302 - Harmful if swallowed.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5	May form combustible dust concentrations in air. No known significant effects or critical hazards.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6	H411 - Toxic to aquatic life with long lasting effects.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7	H350 - May cause cancer.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9	H400 - Very toxic to aquatic life. H412 - Harmful to aquatic life with long lasting effects. H317 - May cause an allergic skin reaction.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1	H225 - Highly flammable liquid and vapor.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2	H302 - Harmful if swallowed. H319 - Causes serious eye irritation. H225 - Highly flammable liquid and vapor.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test	H302 - Harmful if swallowed. H319 - Causes serious eye irritation. H225 - Highly flammable liquid and vapor.

## Section 2. Hazard identification

Kit, #3	H302 - Harmful if swallowed. H319 - Causes serious eye irritation.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8	H225 - Highly flammable liquid and vapor.  H319 - Causes serious eye irritation. H336 - May cause drowsiness or dizziness.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	H225 - Highly flammable liquid and vapor.  H302 - Harmful if swallowed. H319 - Causes serious eye irritation.

### Precautionary statements

#### Prevention

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	P270 - Do not eat, drink or smoke when using this product.  P264 - Wash thoroughly after handling.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5	Not applicable.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6	P273 - Avoid release to the environment.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7	P201 - Obtain special instructions before use.  P280 - Wear protective gloves, protective clothing and eye or face protection.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9	P273 - Avoid release to the environment. P280 - Wear protective gloves.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1	P261 - Avoid breathing dust. P280 - Wear eye or face protection.  P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2	P270 - Do not eat, drink or smoke when using this product. P264 - Wash thoroughly after handling. 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. P270 - Do not eat, drink or smoke when using this product. P264 - Wash thoroughly after handling. P280 - Wear eye or face protection.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P270 - Do not eat, drink or smoke when using this product. P264 - Wash thoroughly after handling. P280 - Wear eye or face protection.

## Section 2. Hazard identification

	Kit, #8	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 - Avoid breathing vapor. 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. P270 - Do not eat, drink or smoke when using this product. 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. P362 + P364 - Take off contaminated clothing and wash it before reuse.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1	P302 + P352 - IF ON SKIN: Wash with plenty of water. P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention.
	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. P337 + P313 - If eye irritation persists: Get medical advice or attention.
	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. P337 + P313 - If eye irritation persists: Get medical advice or attention.
	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. P337 + P313 - If eye irritation persists: Get medical advice or attention.
	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. P337 + P313 - If eye irritation persists: Get medical

## Section 2. Hazard identification

		advice or attention.
<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	Not applicable.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8	P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	Not applicable.
<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, #1	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, #2	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, #3	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, #8	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	P501 - Dispose of contents and container in accordance with all local, regional, national and

## Section 2. Hazard identification

	Kit, #10	international regulations.
<b>Supplemental label elements</b>	: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent dust accumulation.
	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	Percentage of the mixture consisting of ingredient(s) of unknown acute oral toxicity: 1 - 10%
<b>Other hazards which do not result in classification</b>	: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	None known.
	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	None known.

## Section 2. Hazard identification

Qualification Standards Test  
 Kit, #8  
 TQD/Q-Premier/XE/Q-Micro None known.  
 Qualification Standards Test  
 Kit, #10

## Section 3. Composition/information on ingredients

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

Ingredient name	Synonyms	% (w/w)	CAS number
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4  reserpine	Reserpine	100	50-55-5
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5  α-D-Glucopyranoside, β-D- fructofuranosyl O-α-D- galactopyranosyl-(1.fwdarw.6)-, hydrate (1:5)	Raffinose	100	17629-30-0
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6			

### Section 3. Composition/information on ingredients

hydroxyprogesterone  <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7</b>	Hydroxyprogesterone	100	68-96-2
chloramphenicol  <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9</b>	ACETAMIDE, 2,2-DICHLORO-N-(.beta.-HYDROXY-.alpha.-(HYDROXYMETHYL)-p-NITROPHENETHYL)-,D-(-)-threo-	100	56-75-7
sulfadimethoxine  <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1</b>	Sulfadimethoxine	100	122-11-2
Acetonitrile  <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2</b>	Acetonitrile	≥30 - ≤60	75-05-8
Acetonitrile  <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</b>	Acetonitrile	≥30 - ≤60	75-05-8
Acetonitrile  <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8</b>	Acetonitrile	≥30 - ≤60	75-05-8
Propan-2-ol	Isopropanol	≥30 - ≤60	67-63-0
Sodium iodide  <b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</b>	Sodium Iodide	≥0.1 - ≤1	7681-82-5
Acetonitrile	Acetonitrile	≥30 - ≤60	75-05-8

Ranges if listed above for hazardous ingredient(s) are prescribed ranges. The actual concentration(s) or actual concentration range(s) are being withheld as a trade secret.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

## Section 3. Composition/information on ingredients

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

## Section 4. First-aid measures

### Description of necessary first aid measures

#### Eye contact

- : 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.

#### Inhalation

- : 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. The exposed person

## Section 4. First-aid measures

	may need to be kept under medical surveillance for 48 hours.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7	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

## Section 4. First-aid measures

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

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.

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, #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

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get

## Section 4. First-aid measures

	Kit, #6 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7	medical attention if symptoms occur. 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.
	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.
<b>Ingestion</b>	: 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.

## Section 4. First-aid measures

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. 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, #2	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, #3	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

## Section 4. First-aid measures

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

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.

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, #10

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.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

##### Eye contact

- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
- 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 No known significant effects or critical hazards.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 Causes serious eye irritation.
- TQD/Q-Premier/XE/Q-Micro Causes serious eye irritation.

## Section 4. First-aid measures

	Qualification Standards Test Kit, #2	
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3	Causes serious eye irritation.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8	Causes serious eye irritation.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	Causes serious eye irritation.
<b>Inhalation</b>	: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
	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	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 Standards Test Kit, #8	Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	No known significant effects or critical hazards.
<b>Skin contact</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	No known significant effects or critical hazards.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9	May cause an allergic skin reaction.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1	No known significant effects or critical hazards.
	TQD/Q-Premier/XE/Q-Micro	No known significant effects or critical hazards.

## Section 4. First-aid measures

	Qualification Standards Test Kit, #2	
	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>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	No known significant effects or critical hazards.
	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	Harmful if swallowed.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8	Can cause central nervous system (CNS) depression.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	Harmful if swallowed.

### 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:
		irritation
		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	No specific data.

## Section 4. First-aid measures

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 Adverse symptoms may include the following:

pain or irritation  
watering  
redness

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 Adverse symptoms may include the following:

pain or irritation  
watering  
redness

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 Adverse symptoms may include the following:

pain or irritation  
watering  
redness

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 Adverse symptoms may include the following:

pain or irritation  
watering  
redness

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 Adverse symptoms may include the following:

pain or irritation  
watering  
redness

### Inhalation

: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 Adverse symptoms may include the following:

respiratory tract irritation  
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 No specific data.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 Adverse symptoms may include the following:

nausea or vomiting

## Section 4. First-aid measures

		headache
		drowsiness/fatigue
		dizziness/vertigo
		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 Standards Test Kit, #7	No specific data.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9	Adverse symptoms may include the following:
		irritation
		redness
	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.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	No specific data.
<b>Ingestion</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	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.

## Section 4. First-aid measures

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.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

<b>Notes to physician</b>	:	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	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, #5	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7	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	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	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	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	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	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	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	No specific treatment.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5	No specific treatment.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6	No specific treatment.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	No specific treatment.

## Section 4. First-aid measures

	Kit, #7	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test	No specific treatment.
	Kit, #9	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test	No specific treatment.
	Kit, #1	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test	No specific treatment.
	Kit, #2	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test	No specific treatment.
	Kit, #3	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test	No specific treatment.
	Kit, #8	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test	No specific treatment.
	Kit, #10	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test	No specific treatment.
<b>Protection of first-aiders</b>	:	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	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, #5	No action shall be taken involving any personal risk or without suitable training.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6	No action shall be taken involving any personal risk or without suitable training.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7	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. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9	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, #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.
		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

## Section 4. First-aid measures

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

providing aid to give mouth-to-mouth resuscitation. 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.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

#### Suitable extinguishing media

- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 Use dry chemical powder.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 Use an extinguishing agent suitable for the surrounding fire.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 Use an extinguishing agent suitable for the surrounding fire.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 Use an extinguishing agent suitable for the surrounding fire.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 Use an extinguishing agent suitable for the surrounding fire.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

#### Unsuitable extinguishing media

- : TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture.
- 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 Do not use water jet.

## Section 5. Fire-fighting measures

	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2	Do not use water jet.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3	Do not use water jet.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8	Do not use water jet.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	Do not use water jet.
<b>Specific hazards arising from the chemical</b>	: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	May form explosible dust-air mixture if dispersed.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5	No specific fire or explosion hazard.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6	This material is toxic 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, #7	This material is very toxic to aquatic life. This material is 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 vapor. 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 vapor. 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 vapor. 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 vapor. 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 vapor. 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.

## Section 5. Fire-fighting measures

### Hazardous thermal decomposition products

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	Decomposition products may include the following materials:  carbon dioxide carbon monoxide nitrogen oxides
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5	Decomposition products may include the following materials:  carbon dioxide carbon monoxide
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6	Decomposition products may include the following materials:  carbon dioxide carbon monoxide
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7	Decomposition products may include the following materials:  carbon dioxide carbon monoxide nitrogen oxides halogenated compounds carbonyl halides
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9	Decomposition products may include the following materials:  carbon dioxide carbon monoxide nitrogen oxides sulfur oxides
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1	Decomposition products may include the following materials:  carbon dioxide carbon monoxide nitrogen oxides cyanides
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2	Decomposition products may include the following materials:  carbon dioxide carbon monoxide nitrogen oxides cyanides
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3	Decomposition products may include the following materials:  carbon dioxide carbon monoxide nitrogen oxides cyanides
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8	Decomposition products may include the following materials:  carbon dioxide carbon monoxide
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	Decomposition products may include the following materials:

## Section 5. Fire-fighting measures

carbon dioxide  
carbon monoxide  
nitrogen oxides  
cyanides

### Special protective actions 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 Standards Test Kit, #8	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, #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.

## Section 5. Fire-fighting measures

### Special protective equipment for fire-fighters

: 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.
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.
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.
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.
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.
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.
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.
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.
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.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### 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 spilled 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 spilled material. Put on appropriate personal protective equipment.
TQD/Q-Premier/XE/Q-Micro	No action shall be taken involving any personal risk

## Section 6. Accidental release measures

Qualification Standards Test Kit, #6	or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled 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 spilled 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 spilled 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 spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor 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 spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor 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 spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor 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, #8	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 spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective

## Section 6. Accidental release measures

	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	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 spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
<b>For emergency responders :</b>	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	If specialized 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 specialized 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 specialized 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 specialized 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 specialized 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 specialized 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 specialized 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 specialized 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 specialized 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 specialized 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".
<b>Environmental precautions :</b>	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	Avoid dispersal of spilled 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	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 6. Accidental release measures

Kit, #5	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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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).

### Methods and materials for containment and cleaning up

<b>Methods for cleaning up</b>	:	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, labeled waste container. Dispose of via a licensed waste disposal contractor.

## Section 6. Accidental release measures

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, labeled 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 Standards Test Kit, #9	Move containers from spill area. 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, #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.

## Section 7. Handling and storage

### Precautions for safe handling

#### Protective measures

: 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
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## Section 7. Handling and storage

	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 grounding 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 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, #7	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 vapor 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.

## Section 7. Handling and storage

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

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 vapor 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 vapor 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, #8

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor 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 vapor 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

## Section 7. Handling and storage

### Advice on general occupational hygiene

: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	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, #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 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, #1	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

## Section 7. Handling and storage

	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8	contaminated clothing and 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, #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.
<p><b>Conditions for safe storage, including any incompatibilities</b></p>	<p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4</p>	<p>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 oxidizing 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
	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 unlabeled 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 unlabeled 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, #7	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

## Section 7. Handling and storage

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

upright to prevent leakage. Do not store in unlabeled 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 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 unlabeled 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 oxidizing 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 unlabeled 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 oxidizing 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 unlabeled 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 oxidizing 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 unlabeled 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 all ignition sources. Separate

## Section 7. Handling and storage

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

from oxidizing 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 unlabeled 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 oxidizing 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

[Control parameters](#)

[Occupational exposure limits](#)

Ingredient name	Exposure limits
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 chloramphenicol	<b>OARS WEEL (United States, 4/2022).</b> TWA: 0.5 mg/m <sup>3</sup> 8 hours.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 Acetonitrile	<b>CA Alberta Provincial (Canada, 6/2018).</b> OEL: 34 mg/m <sup>3</sup> 8 hours. OEL: 20 ppm 8 hours. <b>CA British Columbia Provincial (Canada, 6/2023). Absorbed through skin.</b> TWA: 20 ppm 8 hours. <b>CA Ontario Provincial (Canada, 6/2019). Absorbed through skin.</b> TWA: 20 ppm 8 hours. <b>CA Quebec Provincial (Canada, 6/2022). Absorbed through skin.</b> TWAEV: 20 ppm 8 hours. <b>CA Saskatchewan Provincial (Canada, 7/2013). Absorbed through skin.</b> STEL: 30 ppm 15 minutes. TWA: 20 ppm 8 hours.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 Acetonitrile	<b>CA Alberta Provincial (Canada, 6/2018).</b> OEL: 34 mg/m <sup>3</sup> 8 hours. OEL: 20 ppm 8 hours. <b>CA British Columbia Provincial (Canada, 6/2023). Absorbed through skin.</b> TWA: 20 ppm 8 hours. <b>CA Ontario Provincial (Canada, 6/2019). Absorbed through skin.</b>

## Section 8. Exposure controls/personal protection

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

TWA: 20 ppm 8 hours.  
**CA Quebec Provincial (Canada, 6/2022).  
Absorbed through skin.**  
TWAEV: 20 ppm 8 hours.  
**CA Saskatchewan Provincial (Canada,  
7/2013). Absorbed through skin.**  
STEL: 30 ppm 15 minutes.  
TWA: 20 ppm 8 hours.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8  
Propan-2-ol

**CA Alberta Provincial (Canada, 6/2018).**  
OEL: 34 mg/m<sup>3</sup> 8 hours.  
OEL: 20 ppm 8 hours.  
**CA British Columbia Provincial (Canada,  
6/2023). Absorbed through skin.**  
TWA: 20 ppm 8 hours.  
**CA Ontario Provincial (Canada, 6/2019).  
Absorbed through skin.**  
TWA: 20 ppm 8 hours.  
**CA Quebec Provincial (Canada, 6/2022).  
Absorbed through skin.**  
TWAEV: 20 ppm 8 hours.  
**CA Saskatchewan Provincial (Canada,  
7/2013). Absorbed through skin.**  
STEL: 30 ppm 15 minutes.  
TWA: 20 ppm 8 hours.

Sodium iodide

**CA Alberta Provincial (Canada, 6/2018).**  
OEL: 984 mg/m<sup>3</sup> 15 minutes.  
OEL: 200 ppm 8 hours.  
OEL: 400 ppm 15 minutes.  
OEL: 492 mg/m<sup>3</sup> 8 hours.  
**CA British Columbia Provincial (Canada,  
6/2023).**  
TWA: 200 ppm 8 hours.  
STEL: 400 ppm 15 minutes.  
**CA Ontario Provincial (Canada, 6/2019).**  
TWA: 200 ppm 8 hours.  
STEL: 400 ppm 15 minutes.  
**CA Quebec Provincial (Canada, 6/2022).**  
TWAEV: 200 ppm 8 hours.  
STEV: 400 ppm 15 minutes.  
**CA Saskatchewan Provincial (Canada,  
7/2013).**  
STEL: 400 ppm 15 minutes.  
TWA: 200 ppm 8 hours.  
**CA Ontario Provincial (Canada, 6/2019).  
[Iodides]**  
TWA: 0.01 ppm 8 hours. Form: Inhalable  
fraction and vapour.  
**CA Quebec Provincial (Canada, 6/2022).  
[Iodides]**  
TWAEV: 0.01 ppm 8 hours. Form: inhalable  
dust and vapor fraction

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

**CA Alberta Provincial (Canada, 6/2018).**

## Section 8. Exposure controls/personal protection


OEL: 34 mg/m<sup>3</sup> 8 hours.  
 OEL: 20 ppm 8 hours.  
**CA British Columbia Provincial (Canada, 6/2023). Absorbed through skin.**  
 TWA: 20 ppm 8 hours.  
**CA Ontario Provincial (Canada, 6/2019). Absorbed through skin.**  
 TWA: 20 ppm 8 hours.  
**CA Quebec Provincial (Canada, 6/2022). Absorbed through skin.**  
 TWAEV: 20 ppm 8 hours.  
**CA Saskatchewan Provincial (Canada, 7/2013). Absorbed through skin.**  
 STEL: 30 ppm 15 minutes.  
 TWA: 20 ppm 8 hours.

### Biological exposure indices

No exposure indices known.

- Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapor 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.
- 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.

### 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.

## Section 8. Exposure controls/personal protection

**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 9. Physical and chemical properties and safety characteristics

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

### Appearance

**Physical state** :

- 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.

**Color** :

- 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. / Colorless.

## Section 9. Physical and chemical properties and safety characteristics

	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	Clear. / Colorless.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	Clear. / Colorless.
<b>Odor</b>	: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	Odorless.
	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.
<b>Odor threshold</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 available.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	Not available.

## Section 9. Physical and chemical properties and safety characteristics

	Qualification Standards Test Kit, #1	
	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	
<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	7
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7	Not available.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9	7
	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	
<b>Melting point/freezing point</b>	: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	264 to 265°C (507.2 to 509°F)
	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 (431.6 to 433.4°F)
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7	150.5 to 151.5°C (302.9 to 304.7°F)
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7	200°C (392°F)

## Section 9. Physical and chemical properties and safety characteristics

	Kit, #9	
	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>Boiling point, initial boiling point, and boiling range</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 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>Flash point</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.

## Section 9. Physical and chemical properties and safety characteristics

	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9	Not applicable.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1	Closed cup: 12 to 23°C (53.6 to 73.4°F) [Based on solvent.]
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2	Closed cup: 12.8 to 23°C (55 to 73.4°F) [Based on solvent.]
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3	Closed cup: 12.8 to 23°C (55 to 73.4°F) [Based on solvent.]
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8	Closed cup: 18.5°C (65.3°F) [Based on solvent.]
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	Closed cup: 12.8 to 23°C (55 to 73.4°F) [Based on solvent.]
<b>Evaporation rate</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 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>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, #10	Not available.

## Section 9. Physical and chemical properties and safety characteristics

	Qualification Standards Test Kit, #7	TQD/Q-Premier/XE/Q-Micro	Not available.
	Qualification Standards Test Kit, #9	TQD/Q-Premier/XE/Q-Micro	Not applicable.
	Qualification Standards Test Kit, #1	TQD/Q-Premier/XE/Q-Micro	Not applicable.
	Qualification Standards Test Kit, #2	TQD/Q-Premier/XE/Q-Micro	Not applicable.
	Qualification Standards Test Kit, #3	TQD/Q-Premier/XE/Q-Micro	Not applicable.
	Qualification Standards Test Kit, #8	TQD/Q-Premier/XE/Q-Micro	Not applicable.
	Qualification Standards Test Kit, #10	TQD/Q-Premier/XE/Q-Micro	Not applicable.
<b>Lower and upper explosion limit/flammability limit</b>	:	TQD/Q-Premier/XE/Q-Micro	Not applicable.
	Qualification Standards Test Kit, #4	TQD/Q-Premier/XE/Q-Micro	Not applicable.
	Qualification Standards Test Kit, #5	TQD/Q-Premier/XE/Q-Micro	Not applicable.
	Qualification Standards Test Kit, #6	TQD/Q-Premier/XE/Q-Micro	Not applicable.
	Qualification Standards Test Kit, #7	TQD/Q-Premier/XE/Q-Micro	Not applicable.
	Qualification Standards Test Kit, #9	TQD/Q-Premier/XE/Q-Micro	Not available.
	Qualification Standards Test Kit, #1	TQD/Q-Premier/XE/Q-Micro	Not available.
	Qualification Standards Test Kit, #2	TQD/Q-Premier/XE/Q-Micro	Not available.
	Qualification Standards Test Kit, #3	TQD/Q-Premier/XE/Q-Micro	Not available.
	Qualification Standards Test Kit, #8	TQD/Q-Premier/XE/Q-Micro	Not available.
	Qualification Standards Test Kit, #10	TQD/Q-Premier/XE/Q-Micro	Not available.

**Vapor pressure** :

## Section 9. Physical and chemical properties and safety characteristics

Ingredient name	Vapor Pressure at 20°C			Vapor 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	-	-	-	-
water	17.5	2.3	-	92.258	12.3	-
<b>TQD/Q-Premier/ XE/Q-Micro Qualification Standards Test Kit, #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/Q-Micro Qualification Standards Test Kit, #10</b>						
acetonitrile	70.88853	9.5	-	-	-	-
water	17.5	2.3	-	92.258	12.3	-

## Section 9. Physical and chemical properties and safety characteristics

<b>Relative vapor density</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 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>Relative density</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 available.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1	0.893
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2	0.893
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3	0.89
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8	0.89
		TQD/Q-Premier/XE/Q-Micro	0.893

## Section 9. Physical and chemical properties and safety characteristics

		Qualification Standards Test Kit, #10			
<b>Solubility(ies)</b>	:	<b>Media</b>	<b>Result</b>		
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 water	Insoluble		
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 water	Soluble		
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 water	Insoluble		
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 water	Partially soluble		
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 water	Partially soluble		
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 water	Soluble		
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 water	Soluble		
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 water	Soluble		
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 water	Soluble		
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 water	Soluble		
		<b>Partition coefficient: n-octanol/water</b>	:	TQD/Q-Premier/XE/Q-Micro 3.3 Qualification Standards Test Kit, #4	
				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.				

## Section 9. Physical and chemical properties and safety characteristics

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.

**Auto-ignition temperature**

Ingredient name	°C	°F	Method
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1</b>			
acetonitrile	524	975.2	-
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2</b>			
acetonitrile	524	975.2	-
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</b>			
acetonitrile	524	975.2	-
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8</b>			
Propan-2-ol	456	852.8	-
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</b>			
acetonitrile	524	975.2	-

**Decomposition temperature**

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 (464 to 716°F)  
 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.

## Section 9. Physical and chemical properties and safety characteristics

	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>Viscosity</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 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.

### Particle characteristics

<b>Median particle size</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 available.

## Section 9. Physical and chemical properties and safety characteristics

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 10. Stability and reactivity

### Reactivity

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.

### Chemical stability

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	The product is stable.

## Section 10. Stability and reactivity

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

### Possibility of hazardous reactions

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	Under normal conditions of storage and use, hazardous reactions will not occur.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5	Under normal conditions of storage and use, hazardous reactions will not occur.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6	Under normal conditions of storage and use, hazardous reactions will not occur.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7	Under normal conditions of storage and use, hazardous reactions will not occur.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9	Under normal conditions of storage and use, hazardous reactions will not occur.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1	Under normal conditions of storage and use, hazardous reactions will not occur.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2	Under normal conditions of storage and use, hazardous reactions will not occur.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3	Under normal conditions of storage and use, hazardous reactions will not occur.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8	Under normal conditions of storage and use, hazardous reactions will not occur.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	

### Conditions to avoid

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	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 grounding and bonding containers and equipment before transferring material. Prevent dust accumulation.
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## Section 10. Stability and reactivity

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	Avoid all possible sources of ignition (spark or flame). Do not pressurize, 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 pressurize, 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 pressurize, 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 pressurize, 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 pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

### Incompatible materials

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

## Section 10. Stability and reactivity

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 Reactive or incompatible with the following materials:  
oxidizing materials

### 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

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 reserpine	LD50 Oral	Rat	420 mg/kg	-
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 hydroxyprogesterone	LD50 Oral	Rat - Male, Female	>2000 mg/kg	-
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 chloramphenicol	LD50 Oral	Rat	2500 mg/kg	-
TQD/Q-Premier/XE/Q-				

## Section 11. Toxicological information

<b>Micro Qualification Standards Test Kit, #1</b> Acetonitrile	LC50 Inhalation Vapor LD50 Oral	Rat Rat	17100 ppm 2460 mg/kg	4 hours -
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2</b> Acetonitrile	LC50 Inhalation Vapor LD50 Oral	Rat Rat	17100 ppm 2460 mg/kg	4 hours -
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</b> Acetonitrile	LC50 Inhalation Vapor LD50 Oral	Rat Rat	17100 ppm 2460 mg/kg	4 hours -
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8</b> Propan-2-ol  Sodium iodide	LD50 Dermal LD50 Oral LD50 Dermal  LD50 Oral	Rabbit Rat Rat - Male, Female Rat	12800 mg/kg 5000 mg/kg >2000 mg/kg  4340 mg/kg	- - - -
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</b> Acetonitrile	LC50 Inhalation Vapor LD50 Oral	Rat Rat	17100 ppm 2460 mg/kg	4 hours -

### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1</b> Acetonitrile	Eyes - Moderate irritant	Rabbit	-	24 hours 100 uL	-
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2</b> Acetonitrile	Eyes - Moderate irritant	Rabbit	-	24 hours 100 uL	-
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</b> Acetonitrile	Eyes - Moderate irritant	Rabbit	-	24 hours 100 uL	-
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8</b> Propan-2-ol	Eyes - Moderate irritant Eyes - Moderate irritant	Rabbit Rabbit	- -	10 mg 24 hours 100 mg	- -

**Section 11. Toxicological information**

Sodium iodide  TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 Acetonitrile	Skin - Mild irritant	Rabbit	-	500 mg	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 100 mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 100 uL	-

**Sensitization**

Not available.

**Mutagenicity****Conclusion/Summary** : Not available.**Carcinogenicity****Conclusion/Summary** : Not available.**Classification**

Product/ingredient name	IARC	NTP	ACGIH
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 reserpine	3	Reasonably anticipated to be a human carcinogen.	-
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 chloramphenicol	2A	Reasonably anticipated to be a human carcinogen.	-
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 Acetonitrile	-	-	A4
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 Acetonitrile	-	-	A4
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 Acetonitrile	-	-	A4
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 Propan-2-ol Sodium iodide	3 -	- -	A4 A4
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 Acetonitrile	-	-	A4

**Reproductive toxicity****Conclusion/Summary** : Not available.**Teratogenicity**

## Section 11. Toxicological information

**Conclusion/Summary** : Not available.

### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 Propan-2-ol Sodium iodide	Category 3 Category 3	- -	Narcotic effects Respiratory tract irritation

### Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 Sodium iodide	Category 1	oral	thyroid

### Aspiration hazard

Not available.

### Information on the likely routes of exposure

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

### Potential acute health effects

## Section 11. Toxicological information

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

## Section 11. Toxicological information

<b>Skin contact</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	No known significant effects or critical hazards.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9	May cause an allergic skin reaction.
		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>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	No known significant effects or critical hazards.
		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	Harmful if swallowed.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8	Can cause central nervous system (CNS) depression.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	Harmful if swallowed.

## Section 11. Toxicological information

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

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

## Section 11. Toxicological information

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

### Skin contact

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

## Section 11. Toxicological information

<b>Ingestion</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	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.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Potential chronic health effects

<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	No known significant effects or critical hazards.

## Section 11. Toxicological information

	Qualification Standards Test Kit, #1	
	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 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>Mutagenicity</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	No known significant effects or critical hazards.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9	No known significant effects or critical hazards.
	TQD/Q-Premier/XE/Q-Micro	No known significant effects or critical hazards.

## Section 11. Toxicological information

	Qualification Standards Test Kit, #1	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1	No known significant effects or critical hazards.
	Qualification Standards Test Kit, #2	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2	No known significant effects or critical hazards.
	Qualification Standards Test Kit, #3	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3	No known significant effects or critical hazards.
	Qualification Standards Test Kit, #8	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8	No known significant effects or critical hazards.
	Qualification Standards Test Kit, #10	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	No known significant effects or critical hazards.
<b>Reproductive toxicity</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	No known significant effects or critical hazards.
		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 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.

### Numerical measures of toxicity

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)

## Section 11. Toxicological information

<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4</b> reserpine	420	N/A	N/A	N/A	N/A
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6</b> TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 hydroxyprogesterone	2500 2500	N/A N/A	N/A N/A	N/A N/A	N/A N/A
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7</b> TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 chloramphenicol	2500 2500	N/A N/A	N/A N/A	N/A N/A	N/A N/A
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1</b> TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 Acetonitrile	1136.5 500	2500.4 1100	N/A N/A	25.0 11	N/A N/A
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2</b> TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 Acetonitrile	1150.6 500	2531.2 1100	N/A N/A	25.3 11	N/A N/A
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</b> TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 Acetonitrile	1136.5 500	2500.2 1100	N/A N/A	25.0 11	N/A N/A
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8</b> TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 Propan-2-ol Sodium iodide	11387.5 5000 4340	N/A 12800 2500	N/A N/A N/A	N/A 72.2 N/A	N/A N/A N/A
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</b> TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 Acetonitrile	1136.6 500	2500.6 1100	N/A N/A	25.0 11	N/A N/A

## Section 12. Ecological information

### Toxicity

## Section 12. Ecological information

Product/ingredient name	Result	Species	Exposure
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 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 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 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 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 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, #3 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

TQD/Q-Premier/XE/Q- Micro Qualification Standards Test Kit, #8 Propan-2-ol	Acute EC50 7550 mg/l Fresh water	Daphnia - <i>Daphnia magna</i> - Neonate	48 hours
	Acute LC50 1400000 µg/l Marine water	Crustaceans - <i>Crangon crangon</i>	48 hours
Sodium iodide	Acute LC50 4200 mg/l Fresh water	Fish - <i>Rasbora heteromorpha</i>	96 hours
	Acute LC50 0.17 mg/l Fresh water	Daphnia - <i>Daphnia magna</i>	48 hours
	Acute LC50 860 mg/l Fresh water	Fish - <i>Oncorhynchus mykiss</i> - Fry	96 hours
TQD/Q-Premier/XE/Q- Micro Qualification Standards Test Kit, #10 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

### Persistence and degradability

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

## Section 12. Ecological information

<b>Micro Qualification Standards Test Kit, #3</b> Acetonitrile	OECD 310 Ready Biodegradability - CO <sub>2</sub> in Sealed Vessels (Headspace Test)	70 % - Readily - 21 days	-	Activated sludge
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</b> Acetonitrile	OECD 310 Ready Biodegradability - CO <sub>2</sub> in Sealed Vessels (Headspace Test)	70 % - Readily - 21 days	-	Activated sludge

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

### 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 reserpine	3.3	-	Low
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 hydroxyprogesterone	3.17	-	Low
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 chloramphenicol	1.14	-	Low
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 sulfadimethoxine	1.63	-	Low
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 Acetonitrile	-0.34	3	Low
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 Acetonitrile	-0.34	3	Low
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 Acetonitrile	-0.34	3	Low
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 Propan-2-ol Sodium iodide	0.05 0.05	- 1020	Low High
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 Acetonitrile	-0.34	3	Low

### Mobility in soil

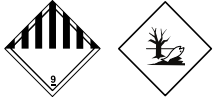
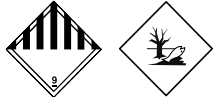

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized 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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. 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 spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	TDG Classification	IMDG	IATA
UN number	UN3316	UN3316	UN3316
UN proper shipping name	CHEMICAL KIT	CHEMICAL KIT	Chemical kit
Transport hazard class(es)	9 	9 	9 
Packing group	II	II	II
Environmental hazards	Yes.	Yes.	Yes. The environmentally hazardous substance mark is not required.

**Proof of classification statement** : Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.43-2.45 (Class 9), 2.7 (Marine pollutant mark).

### Additional information

**TDG Classification** : Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.43-2.45 (Class 9), 2.7 (Marine pollutant mark). The marine pollutant mark is not required when transported by road or rail.  
**Passenger Carrying Road or Rail Index** 10  
**Special provisions** 65, 141

**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

**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.

**Transport in bulk according to IMO instruments** : Not available.

## Section 15. Regulatory information

### Canadian lists

- Canadian NPRI** : The following components are listed: acetonitrile; isopropyl alcohol  
**CEPA Toxic substances** : None of the components are listed.

### 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

- Canada** : Not determined.  
**United States** : Not determined.

## Section 16. Other information

### History

- Date of issue/Date of revision** : 02/19/2024  
**Date of previous issue** : 08/30/2021  
**Version** : 4

### Key to abbreviations

- : ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 HPR = Hazardous Products Regulations  
 IATA = International Air Transport Association  
 IBC = Intermediate Bulk Container  
 IMDG = International Maritime Dangerous Goods  
 LogPow = logarithm of the octanol/water partition coefficient  
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
 N/A = Not available  
 UN = United Nations

### Procedure used to derive the classification

Classification	Justification
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4</b> COMBUSTIBLE DUSTS - Category 1 ACUTE TOXICITY (oral) - Category 4	On basis of test data On basis of test data
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6</b> AQUATIC HAZARD (LONG-TERM) - Category 2	Calculation method
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7</b>	

## Section 16. Other information

CARCINOGENICITY - Category 1	Calculation method
AQUATIC HAZARD (ACUTE) - Category 1	Calculation method
AQUATIC HAZARD (LONG-TERM) - Category 3	Calculation method
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9</b>	
SKIN SENSITIZATION - Category 1	Calculation method
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1</b>	
FLAMMABLE LIQUIDS - Category 2	Expert judgment
ACUTE TOXICITY (oral) - Category 4	Calculation method
EYE IRRITATION - Category 2A	Calculation method
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2</b>	
FLAMMABLE LIQUIDS - Category 2	Expert judgment
ACUTE TOXICITY (oral) - Category 4	Calculation method
EYE IRRITATION - Category 2A	Calculation method
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</b>	
FLAMMABLE LIQUIDS - Category 2	Expert judgment
ACUTE TOXICITY (oral) - Category 4	Calculation method
EYE IRRITATION - Category 2A	Calculation method
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8</b>	
FLAMMABLE LIQUIDS - Category 2	Expert judgment
EYE IRRITATION - Category 2A	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3	Calculation method
<b>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</b>	
FLAMMABLE LIQUIDS - Category 2	Expert judgment
ACUTE TOXICITY (oral) - Category 4	Calculation method
EYE IRRITATION - Category 2A	Calculation method

 Indicates information that has changed from previously issued version.

### [Notice to reader](#)

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