

SAFETY DATA SHEET



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

Section 1. Identification

1.1 Product identifier

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

Part no. (chemical kit) : MV-W-700002646

Part no. :

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

Validation date : 2/19/2024

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

Identified uses :

- Reagents and Standards for Analytical Chemistry Laboratory Use
- 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

1.3 Details of the supplier of the safety data sheet

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

Section 1. Identification

1.4 Emergency telephone number

In case of emergency : CHEMTREC®: 1-800-424-9300

Section 2. Hazards identification

2.1 Classification of the substance or mixture

OSHA/HCS status	:	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture

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

H302

COMBUSTIBLE DUSTS
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

H400

H412

CARCINOGENICITY - Category 1B
AQUATIC HAZARD (ACUTE) - Category 1
AQUATIC HAZARD (LONG-TERM) - Category 3

Section 2. Hazards identification

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

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
















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

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

[2.2 GHS label elements](#)

Section 2. Hazards identification

Hazard pictograms

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

Signal word

: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	Warning
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5	No signal word.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6	No signal word.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7	Danger
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9	Warning
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1	Danger
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2	Danger
TQD/Q-Premier/XE/Q-Micro	Danger

Section 2. Hazards identification

	Qualification Standards Test Kit, #3	
	TQD/Q-Premier/XE/Q-Micro	Danger
	Qualification Standards Test Kit, #8	
	TQD/Q-Premier/XE/Q-Micro	Danger
	Qualification Standards Test Kit, #10	
Hazard statements	: TQD/Q-Premier/XE/Q-Micro	H302 - Harmful if swallowed.
	Qualification Standards Test Kit, #4	May form combustible dust concentrations in air.
	TQD/Q-Premier/XE/Q-Micro	No known significant effects or critical hazards.
	Qualification Standards Test Kit, #5	
	TQD/Q-Premier/XE/Q-Micro	H411 - Toxic to aquatic life with long lasting effects.
	Qualification Standards Test Kit, #6	
	TQD/Q-Premier/XE/Q-Micro	H350 - May cause cancer.
	Qualification Standards Test Kit, #7	H400 - Very toxic to aquatic life.
		H412 - Harmful to aquatic life with long lasting effects.
	TQD/Q-Premier/XE/Q-Micro	H317 - May cause an allergic skin reaction.
	Qualification Standards Test Kit, #9	
	TQD/Q-Premier/XE/Q-Micro	H225 - Highly flammable liquid and vapor.
	Qualification Standards Test Kit, #1	H302 - Harmful if swallowed.
		H319 - Causes serious eye irritation.
	TQD/Q-Premier/XE/Q-Micro	H225 - Highly flammable liquid and vapor.
	Qualification Standards Test Kit, #2	
		H302 - Harmful if swallowed.
		H319 - Causes serious eye irritation.
	TQD/Q-Premier/XE/Q-Micro	H225 - Highly flammable liquid and vapor.
	Qualification Standards Test Kit, #3	
		H302 - Harmful if swallowed.
		H319 - Causes serious eye irritation.
	TQD/Q-Premier/XE/Q-Micro	H225 - Highly flammable liquid and vapor.
	Qualification Standards Test Kit, #8	
		H319 - Causes serious eye irritation.
		H336 - May cause drowsiness or dizziness.
	TQD/Q-Premier/XE/Q-Micro	H225 - Highly flammable liquid and vapor.
	Qualification Standards Test Kit, #10	
		H302 - Harmful if swallowed.
		H319 - Causes serious eye irritation.
Precautionary statements		
Prevention	: TQD/Q-Premier/XE/Q-Micro	P270 - Do not eat, drink or smoke when using this product.
	Qualification Standards Test Kit, #4	P264 - Wash thoroughly after handling.
	TQD/Q-Premier/XE/Q-Micro	Not applicable.
	Qualification Standards Test Kit, #5	
	TQD/Q-Premier/XE/Q-Micro	P273 - Avoid release to the environment.
	Qualification Standards Test Kit, #6	
	TQD/Q-Premier/XE/Q-Micro	P201 - Obtain special instructions before use.
	Qualification Standards Test Kit, #7	
		P280 - Wear protective gloves, protective clothing and eye or face protection.
		P273 - Avoid release to the environment.
	TQD/Q-Premier/XE/Q-Micro	P280 - Wear protective gloves.
	Qualification Standards Test Kit, #9	
		P261 - Avoid breathing dust.
	TQD/Q-Premier/XE/Q-Micro	P280 - Wear eye or face protection.
	Qualification Standards Test Kit, #1	

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<p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2</p>	<p>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P241 - Use explosion-proof electrical, ventilating or lighting equipment. P242 - Use non-sparking tools. P243 - Take action to prevent static discharges. P233 - Keep container tightly closed. P270 - Do not eat, drink or smoke when using this product. P264 - Wash thoroughly after handling. P280 - Wear eye or face protection.</p>
<p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3</p>	<p>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P241 - Use explosion-proof electrical, ventilating or lighting equipment. P242 - Use non-sparking tools. P243 - Take action to prevent static discharges. P233 - Keep container tightly closed. P270 - Do not eat, drink or smoke when using this product. P264 - Wash thoroughly after handling. P280 - Wear eye or face protection.</p>
<p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8</p>	<p>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P241 - Use explosion-proof electrical, ventilating or lighting equipment. P242 - Use non-sparking tools. P243 - Take action to prevent static discharges. P233 - Keep container tightly closed. P270 - Do not eat, drink or smoke when using this product. P264 - Wash thoroughly after handling. P280 - Wear eye or face protection.</p>
<p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10</p>	<p>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P241 - Use explosion-proof electrical, ventilating or lighting equipment. P242 - Use non-sparking tools. P243 - Take action to prevent static discharges. P261 - Avoid breathing vapor. P280 - Wear eye or face protection.</p>
<p></p>	<p>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P241 - Use explosion-proof electrical, ventilating or lighting equipment. P242 - Use non-sparking tools. P243 - Take action to prevent static discharges. P233 - Keep container tightly closed. P270 - Do not eat, drink or smoke when using this product.</p>

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Response	<ul style="list-style-type: none"> • TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 	<ul style="list-style-type: none"> P264 - Wash thoroughly after handling. Not applicable. Not applicable. P391 - Collect spillage. P391 - Collect spillage. P308 + P313 - IF exposed or concerned: Get medical advice or attention. P363 - Wash contaminated clothing before reuse. P302 + P352 - IF ON SKIN: Wash with plenty of water. P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention. 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. 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. 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. P304 + P312 - IF INHALED: Call a POISON CENTER or doctor if you feel unwell. 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. 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.
Storage	<ul style="list-style-type: none"> • TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 	<ul style="list-style-type: none"> Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.

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	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1	P403 + P235 - Store in a well-ventilated place. Keep cool.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2	P403 + P235 - Store in a well-ventilated place. Keep cool.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3	P403 + P235 - Store in a well-ventilated place. Keep cool.
	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	P403 + P235 - Keep cool. P403 + P235 - Store in a well-ventilated place. Keep cool.
Disposal	<ul style="list-style-type: none"> • TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 	<ul style="list-style-type: none"> P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. Not applicable. P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	<ul style="list-style-type: none"> • TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 	<ul style="list-style-type: none"> Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent dust accumulation. None known. None known. None known. None known. None known. None known. None known. None known. None known.

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

2.3 Other hazards

Hazards not otherwise classified

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

Section 3. Composition/information on ingredients

Substance/mixture

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

Section 3. Composition/information on ingredients

Ingredient name	%	CAS number
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 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-(1.6)-, hydrate (1:5)	100	17629-30-0
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 hydroxyprogesterone	100	68-96-2
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 chloramphenicol	100	56-75-7
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 sulfadimethoxine	100	122-11-2
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 Acetonitrile	$\geq 25 - \leq 50$	75-05-8
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 Acetonitrile	$\geq 25 - \leq 50$	75-05-8
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 Acetonitrile	$\geq 25 - \leq 50$	75-05-8
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 Propan-2-ol Sodium iodide	$\geq 25 - \leq 50$ <0.25	67-63-0 7681-82-5
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 Acetonitrile	$\geq 25 - \leq 50$	75-05-8

Any concentration shown as a range is to protect confidentiality or is due to batch variation.


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.

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


Section 4. First aid measures

4.1 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

Section 4. First aid measures


	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, #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

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TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3	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 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, #10	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.
	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

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Skin contact

- :  TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 hours.
 Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5
 Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6
 Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7
 Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9
 Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1
 Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2
 Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- 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.

Ingestion

- :  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.

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

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. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

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

Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel.

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

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

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

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

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

Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. 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

Section 4. First aid measures

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

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. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the

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

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. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the

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

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. 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.

4.2 Most important symptoms/effects, acute and delayed

Potential acute health effects

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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 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.
Inhalation	:	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.
Skin contact	:	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, #2	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.

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Ingestion

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

Over-exposure signs/symptoms

Eye contact

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	Adverse symptoms may include the following: pain or irritation watering redness
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

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	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 headache drowsiness/fatigue dizziness/vertigo unconsciousness
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	No specific data.
Skin contact	: 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.

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Ingestion	:	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.

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

Notes to physician	:	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

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		surveillance for 48 hours.
Specific treatments	: 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, #7	No specific treatment.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9	No specific treatment.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1	No specific treatment.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2	No specific treatment.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3	No specific treatment.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8	No specific treatment.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	No specific treatment.
Protection of first-aiders	: 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

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

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

5.1 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, CO₂, water spray (fog) or foam.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 Use dry chemical, CO₂, water spray (fog) or foam.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 Use dry chemical, CO₂, water spray (fog) or foam.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 Use dry chemical, CO₂, water spray (fog) or foam.
- TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 Use dry chemical, CO₂, 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.
- 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.

5.2 Special hazards arising from the substance or mixture

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Specific hazards arising from the chemical	:	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.
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

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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: carbon dioxide carbon monoxide nitrogen oxides cyanides

5.3 Advice for firefighters

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	Promptly isolate the scene by removing all persons

Section 5. Fire-fighting measures

	Qualification Standards Test Kit, #1	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.
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

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

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through 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 Qualification Standards Test Kit, #6	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through 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

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TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2	appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through 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 equipment.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through 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.
For emergency responders : 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

Section 6. Accidental release measures

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1	the information in "For non-emergency personnel". 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".

6.2 Environmental precautions

:  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 Kit, #5	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, #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,

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TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3	waterways, soil or air). 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).

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up	: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5	Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6	Move containers from spill area. Vacuum or sweep up material and place in a designated, 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-

Section 6. Accidental release measures

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

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.

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

7.1 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 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

Section 7. Handling and storage

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

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.

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. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

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

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

Section 7. Handling and storage

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

Advice on general occupational hygiene

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

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

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

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

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

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

Section 7. Handling and storage

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7	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, #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 contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

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

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed

Section 7. Handling and storage

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

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 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 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, #9

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

Section 7. Handling and storage

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

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.

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 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,
#10

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.

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7.3 Specific end use(s)

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

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 reserpine	None.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 α-D-Glucopyranoside, β-D-fructofuranosyl O-α-D-galactopyranosyl-(1. fvdarw.6)-, hydrate (1:5)	None.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6	

Section 8. Exposure controls/personal protection

<p>hydroxyprogesterone</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 chloramphenicol</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 sulfadimethoxine</p> <p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 Acetonitrile</p>	<p>None.</p> <p>OARS WEEL (United States, 4/2022). TWA: 0.5 mg/m³ 8 hours.</p> <p>None.</p> <p>ACGIH TLV (United States, 1/2023). Absorbed through skin. TWA: 20 ppm 8 hours.</p> <p>OSHA PEL 1989 (United States, 3/1989). TWA: 40 ppm 8 hours. TWA: 70 mg/m³ 8 hours. STEL: 60 ppm 15 minutes. STEL: 105 mg/m³ 15 minutes.</p> <p>NIOSH REL (United States, 10/2020). TWA: 20 ppm 10 hours. TWA: 34 mg/m³ 10 hours.</p> <p>OSHA PEL (United States, 5/2018). TWA: 40 ppm 8 hours. TWA: 70 mg/m³ 8 hours.</p> <p>CAL OSHA PEL (United States, 5/2018). Absorbed through skin. STEL: 105 mg/m³ 15 minutes. STEL: 60 ppm 15 minutes. TWA: 70 mg/m³ 8 hours. TWA: 40 ppm 8 hours.</p>
<p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 Acetonitrile</p>	<p>ACGIH TLV (United States, 1/2023). Absorbed through skin. TWA: 20 ppm 8 hours.</p> <p>OSHA PEL 1989 (United States, 3/1989). TWA: 40 ppm 8 hours. TWA: 70 mg/m³ 8 hours. STEL: 60 ppm 15 minutes. STEL: 105 mg/m³ 15 minutes.</p> <p>NIOSH REL (United States, 10/2020). TWA: 20 ppm 10 hours. TWA: 34 mg/m³ 10 hours.</p> <p>OSHA PEL (United States, 5/2018). TWA: 40 ppm 8 hours. TWA: 70 mg/m³ 8 hours.</p> <p>CAL OSHA PEL (United States, 5/2018). Absorbed through skin. STEL: 105 mg/m³ 15 minutes. STEL: 60 ppm 15 minutes. TWA: 70 mg/m³ 8 hours. TWA: 40 ppm 8 hours.</p>
<p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 Acetonitrile</p>	<p>ACGIH TLV (United States, 1/2023). Absorbed through skin. TWA: 20 ppm 8 hours.</p> <p>OSHA PEL 1989 (United States, 3/1989).</p>

Section 8. Exposure controls/personal protection

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

TWA: 40 ppm 8 hours.
TWA: 70 mg/m³ 8 hours.
STEL: 60 ppm 15 minutes.
STEL: 105 mg/m³ 15 minutes.
NIOSH REL (United States, 10/2020).
TWA: 20 ppm 10 hours.
TWA: 34 mg/m³ 10 hours.
OSHA PEL (United States, 5/2018).
TWA: 40 ppm 8 hours.
TWA: 70 mg/m³ 8 hours.
CAL OSHA PEL (United States, 5/2018).
Absorbed through skin.
STEL: 105 mg/m³ 15 minutes.
STEL: 60 ppm 15 minutes.
TWA: 70 mg/m³ 8 hours.
TWA: 40 ppm 8 hours.

ACGIH TLV (United States, 1/2023).

TWA: 200 ppm 8 hours.
STEL: 400 ppm 15 minutes.

OSHA PEL 1989 (United States, 3/1989).

TWA: 400 ppm 8 hours.
TWA: 980 mg/m³ 8 hours.
STEL: 500 ppm 15 minutes.
STEL: 1225 mg/m³ 15 minutes.

NIOSH REL (United States, 10/2020).

TWA: 400 ppm 10 hours.
TWA: 980 mg/m³ 10 hours.
STEL: 500 ppm 15 minutes.
STEL: 1225 mg/m³ 15 minutes.

OSHA PEL (United States, 5/2018).

TWA: 400 ppm 8 hours.
TWA: 980 mg/m³ 8 hours.

CAL OSHA PEL (United States, 5/2018).

STEL: 1225 mg/m³ 15 minutes.
STEL: 500 ppm 15 minutes.
TWA: 980 mg/m³ 8 hours.
TWA: 400 ppm 8 hours.

ACGIH TLV (United States, 1/2023).

[Iodides] Absorbed through skin.

TWA: 0.01 mg/m³, (as I) 8 hours. Form:
Inhalable fraction

Sodium iodide

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

ACGIH TLV (United States, 1/2023).

Absorbed through skin.

TWA: 20 ppm 8 hours.
OSHA PEL 1989 (United States, 3/1989).
TWA: 40 ppm 8 hours.
TWA: 70 mg/m³ 8 hours.
STEL: 60 ppm 15 minutes.
STEL: 105 mg/m³ 15 minutes.

NIOSH REL (United States, 10/2020).

TWA: 20 ppm 10 hours.
TWA: 34 mg/m³ 10 hours.

OSHA PEL (United States, 5/2018).

TWA: 40 ppm 8 hours.

Section 8. Exposure controls/personal protection

	<p>TWA: 70 mg/m³ 8 hours. CAL OSHA PEL (United States, 5/2018). Absorbed through skin. STEL: 105 mg/m³ 15 minutes. STEL: 60 ppm 15 minutes. TWA: 70 mg/m³ 8 hours. TWA: 40 ppm 8 hours.</p>
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Biological exposure indices

Ingredient name	Exposure indices
<p>TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8</p> <p>Propan-2-ol</p>	<p>ACGIH BEI (United States, 1/2023) BEI: 40 mg/l, acetone [in urine]. Sampling time: end of shift at end of workweek.</p>

8.2 Exposure controls

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.

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.	
		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.	
Odor	:	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.	

Section 9. Physical and chemical properties and safety characteristics

	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.
Odor threshold	: 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.
pH	: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	Not available.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5	Not available.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6	Not available.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7	7
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9	Not available.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1	7
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2	7
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3	7
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8	7
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	7
Melting point/freezing point	: 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, #9	200°C (392°F)

Section 9. Physical and chemical properties and safety characteristics

	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.
Boiling point, initial boiling point, and boiling range	: 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.
Flash point	: TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	Not applicable.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5	Not applicable.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6	Not applicable.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7	Not applicable.
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9	Closed cup: 12 to 23°C (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.]

Section 9. Physical and chemical properties and safety characteristics

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

Section 9. Physical and chemical properties and safety characteristics

Qualification Standards Test Kit, #8
 TQD/Q-Premier/XE/Q-Micro Not available.
 Qualification Standards Test Kit,

Vapor pressure

#10

Ingredient name	Vapor Pressure at 20°C			Vapor pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
TQD/Q-Premier/XE/ Q-Micro Qualification Standards Test Kit, #1						
Acetonitrile	70.88853	9.5	-	-	-	-
water	17.5	2.3	-	92.258	12.3	-
TQD/Q-Premier/XE/ Q-Micro Qualification Standards Test Kit, #2						
Acetonitrile	70.88853	9.5	-	-	-	-
water	17.5	2.3	-	92.258	12.3	-
TQD/Q-Premier/XE/ Q-Micro Qualification Standards Test Kit, #3						
Acetonitrile	70.88853	9.5	-	-	-	-
water	17.5	2.3	-	92.258	12.3	-
TQD/Q-Premier/XE/ Q-Micro Qualification Standards Test Kit, #8						
Propan-2-ol	33.00268	4.4	-	177	23.6	-
water	17.5	2.3	-	92.258	12.3	-
TQD/Q-Premier/XE/ Q-Micro Qualification Standards Test Kit, #10						
Acetonitrile	70.88853	9.5	-	-	-	-
water	17.5	2.3	-	92.258	12.3	-

Section 9. Physical and chemical properties and safety characteristics

Relative vapor density : 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

Relative density : TQD/Q-Premier/XE/Q-Micro Not available.
 Qualification Standards Test Kit, #4
 TQD/Q-Premier/XE/Q-Micro Not available.
 Qualification Standards Test Kit, #5
 TQD/Q-Premier/XE/Q-Micro Not available.
 Qualification Standards Test Kit, #6
 TQD/Q-Premier/XE/Q-Micro Not available.
 Qualification Standards Test Kit, #7
 TQD/Q-Premier/XE/Q-Micro Not available.
 Qualification Standards Test Kit, #9
 TQD/Q-Premier/XE/Q-Micro 0.893
 Qualification Standards Test Kit, #1
 TQD/Q-Premier/XE/Q-Micro 0.893
 Qualification Standards Test Kit, #2
 TQD/Q-Premier/XE/Q-Micro 0.89
 Qualification Standards Test Kit, #3
 TQD/Q-Premier/XE/Q-Micro 0.89
 Qualification Standards Test Kit, #8
 TQD/Q-Premier/XE/Q-Micro 0.893
 Qualification Standards Test Kit, #10

Solubility(ies)	Media	Result
	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	

Section 9. Physical and chemical properties and safety characteristics

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

Partition coefficient: n-octanol/water

- : TQD/Q-Premier/XE/Q-Micro 3.3
- Qualification Standards Test Kit, #4
- TQD/Q-Premier/XE/Q-Micro Not available.
- 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 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

Auto-ignition temperature

Ingredient name	°C	°F	Method
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 Acetonitrile	524	975.2	-
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 Acetonitrile	524	975.2	-
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 Acetonitrile	524	975.2	-
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test			

Section 9. Physical and chemical properties and safety characteristics

Kit, #8			
Propan-2-ol	456	852.8	-
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10			
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.
 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

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

Particle characteristics

Section 9. Physical and chemical properties and safety characteristics

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

Section 10. Stability and reactivity

10.1 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.
10.2 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 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.

Section 10. Stability and reactivity

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	The product is stable.



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

10.4 Conditions to avoid

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

Section 10. Stability and reactivity

	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	drill, grind or expose containers to heat or sources of ignition. 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.
10.5 Incompatible materials	<p>  TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 </p>	<p> Reactive or incompatible with the following materials: oxidizing materials May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. Reactive or incompatible with the following materials: oxidizing materials Reactive or incompatible with the following materials: oxidizing materials Reactive or incompatible with the following materials: oxidizing materials Reactive or incompatible with the following materials: oxidizing materials Reactive or incompatible with the following materials: oxidizing materials </p>
10.6 Hazardous decomposition products	<p>  TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 TQD/Q-Premier/XE/Q-Micro </p>	<p> Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. </p>

Section 10. Stability and reactivity

Qualification Standards Test Kit, #8 hazardous decomposition products should not be produced.

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

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

Section 11. Toxicological information

	LD50 Oral	Rat	2460 mg/kg	-
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Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 Acetonitrile	Eyes - Moderate irritant	Rabbit	-	24 hours 100 uL	-
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 Acetonitrile	Eyes - Moderate irritant	Rabbit	-	24 hours 100 uL	-
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 Acetonitrile	Eyes - Moderate irritant	Rabbit	-	24 hours 100 uL	-
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 Propan-2-ol	Eyes - Moderate irritant Eyes - Moderate irritant	Rabbit Rabbit	- -	10 mg 24 hours 100 mg	- -
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 Sodium iodide	Skin - Mild irritant Eyes - Moderate irritant	Rabbit Rabbit	- -	500 mg 24 hours 100 mg	- -
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 Sodium iodide	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 Acetonitrile	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	OSHA	IARC	NTP
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			

Section 11. Toxicological information

chloramphenicol	-	2A	Reasonably anticipated to be a human carcinogen.
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8			
Propan-2-ol	-	3	-

Reproductive toxicity

Conclusion/Summary : Not available.

Teratogenicity

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	Category 3	-	Narcotic effects Respiratory tract irritation
Sodium iodide	Category 3	-	

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

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 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.
Inhalation	:	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.
Skin contact	:	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.

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	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.
Ingestion	: 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.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: 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

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	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 headache drowsiness/fatigue dizziness/vertigo unconsciousness
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	No specific data.
Skin contact	: 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.

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Ingestion	:	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

General	:	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5	No known significant effects or critical hazards.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6	No known significant effects or critical hazards.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7	No known significant effects or critical hazards.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1	No known significant effects or critical hazards.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2	No known significant effects or critical hazards.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3	No known significant effects or critical hazards.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8	No known significant effects or critical hazards.
		TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	No known significant effects or critical hazards.

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Carcinogenicity	:	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.
Mutagenicity	:	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.
Reproductive toxicity	:	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.

Section 11. Toxicological informationTQD/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)
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 reserpine	420	N/A	N/A	N/A	N/A
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 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
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 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
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 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
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 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
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 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
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 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
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 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 11. Toxicological information

Section 12. Ecological information

12.1 Toxicity

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 Acute EC50 1.045 mg/l Fresh water Acute LC50 >4.207 mg/l Fresh water Acute NOEC 0.041 mg/l Fresh water	Algae - <i>Desmodesmus subspicatus</i> Daphnia - <i>Daphnia magna</i> Fish - <i>Danio rerio</i> Algae - <i>Desmodesmus subspicatus</i>	72 hours 48 hours 96 hours 72 hours
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 chloramphenicol	Acute EC50 53.7 ug/ml Marine water Acute EC50 345000 µg/l Fresh water Acute IC50 0.1 mg/l Fresh water Chronic NOEC 10 mg/l Marine water	Crustaceans - <i>Penaeus stylirostris</i> Daphnia - <i>Daphnia magna</i> Algae - <i>Scenedesmus intermedius</i> - Exponential growth phase Algae - <i>Tetraselmis suecica</i> - Exponential growth phase	48 hours 48 hours 72 hours 96 hours
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 sulfadimethoxine	Acute EC50 183.9 mg/l Fresh water Acute EC50 248 mg/l Fresh water Acute LC50 >100 mg/l Fresh water	Crustaceans - <i>Moina macrocopa</i> Daphnia - <i>Daphnia magna</i> Fish - <i>Oryzias latipes</i>	48 hours 48 hours 96 hours
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 Acetonitrile	Acute IC50 3685000 µg/l Fresh water Acute LC50 3600000 µg/l Fresh water Acute LC50 1000000 µg/l Fresh water Chronic NOEC 1000000 µg/l Fresh water Chronic NOEC 160000 µg/l Fresh water	Aquatic plants - <i>Lemna minor</i> Daphnia - <i>Daphnia magna</i> Fish - <i>Pimephales promelas</i> Aquatic plants - <i>Lemna minor</i> Daphnia - <i>Daphnia magna</i>	96 hours 48 hours 96 hours 96 hours 21 days
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 Acetonitrile	Acute IC50 3685000 µg/l Fresh water Acute LC50 3600000 µg/l Fresh water Acute LC50 1000000 µg/l Fresh water Chronic NOEC 1000000 µg/l Fresh water Chronic NOEC 160000 µg/l Fresh water	Aquatic plants - <i>Lemna minor</i> Daphnia - <i>Daphnia magna</i> Fish - <i>Pimephales promelas</i> Aquatic plants - <i>Lemna minor</i> Daphnia - <i>Daphnia magna</i>	96 hours 48 hours 96 hours 96 hours 21 days
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 Acetonitrile	Acute IC50 3685000 µg/l Fresh water Acute LC50 3600000 µg/l Fresh water Acute LC50 1000000 µg/l Fresh water	Aquatic plants - <i>Lemna minor</i> Daphnia - <i>Daphnia magna</i> Fish - <i>Pimephales promelas</i>	96 hours 48 hours 96 hours

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

12.2 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 ₂ 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 ₂ in Sealed Vessels (Headspace Test)	70 % - Readily - 21 days	-	Activated sludge
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3				

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

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

12.3 Bioaccumulative potential

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Product/ingredient name	LogP _{ow}	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

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

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

Section 13. Disposal considerations

13.1 Waste treatment methods

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.

United States - RCRA Toxic hazardous waste "U" List

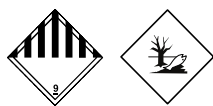
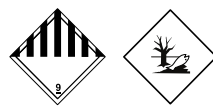

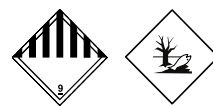

Ingredient	CAS #	Status	Reference number
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 Reserpine	50-55-5	Listed	U200
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 Acetonitrile (I,T)	75-05-8	Listed	U003
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 Acetonitrile (I,T)	75-05-8	Listed	U003
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 Acetonitrile (I,T)	75-05-8	Listed	U003
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 Acetonitrile (I,T)	75-05-8	Listed	U003

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IMDG	IATA
UN number	UN3316	UN3316	UN3316	UN3316	UN3316
UN proper shipping name	Chemical kit	CHEMICAL KIT	EQUIPO QUIMICO	CHEMICAL KIT	Chemical kit
Transport hazard class(es)	9 	9 	9 	9 	9 

Section 14. Transport information

Packing group	II	II	II	II	II
Environmental hazards	Yes.	Yes.	Yes. The environmentally hazardous substance mark is not required.	Yes.	Yes. The environmentally hazardous substance mark is not required.

Additional information

- DOT Classification** : This product is not regulated as a marine pollutant when transported on inland waterways in sizes of ≤ 5 L or ≤ 5 kg or by road, rail, or inland air in non-bulk sizes, provided the packagings meet the general provisions of §§ 173.24 and 173.24a. **Reportable quantity** 28500.4 lbs / 12939.2 kg. Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements. **Limited quantity** Yes. **Packaging instruction** Exceptions: 161. Non-bulk: 161. Bulk: None. **Quantity limitation** Passenger aircraft/rail: 10 kg. Cargo aircraft: 10 kg. **Special provisions** 15
- 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
- Mexico Classification** : **Special provisions** 251, 340
- 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

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

- U.S. Federal regulations** : **TSCA 5(a)2 final significant new use rules:** reserpine
TSCA 8(a) PAIR: Acetonitrile
TSCA 8(a) CDR Exempt/Partial exemption: Not determined
TSCA 12(b) one-time export: reserpine
Clean Water Act (CWA) 307: Acetonitrile
Clean Water Act (CWA) 311: Ammonium acetate

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Listed

Section 15. Regulatory information

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification

TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4	COMBUSTIBLE DUSTS
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #5	ACUTE TOXICITY (oral) - Category 4 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	CARCINOGENICITY - Category 1B
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9	SKIN SENSITIZATION - Category 1
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1	FLAMMABLE LIQUIDS - Category 2
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2	ACUTE TOXICITY (oral) - Category 4 EYE IRRITATION - Category 2A FLAMMABLE LIQUIDS - Category 2
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3	ACUTE TOXICITY (oral) - Category 4 EYE IRRITATION - Category 2A FLAMMABLE LIQUIDS - Category 2
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8	ACUTE TOXICITY (oral) - Category 4 EYE IRRITATION - Category 2A FLAMMABLE LIQUIDS - Category 2
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10	EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 FLAMMABLE LIQUIDS - Category 2
	ACUTE TOXICITY (oral) - Category 4 EYE IRRITATION - Category 2A

Composition/information on ingredients

Name	%	Classification
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 reserpine	100	COMBUSTIBLE DUSTS ACUTE TOXICITY (oral) - Category 4
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 chloramphenicol	100	CARCINOGENICITY - Category 1B
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9		SKIN SENSITIZATION - Category 1

Section 15. Regulatory information

sulfadimethoxine	100	
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1		
Acetonitrile	≥25 - ≤50	FLAMMABLE LIQUIDS - Category 2 ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 4 ACUTE TOXICITY (inhalation) - Category 4 EYE IRRITATION - Category 2A
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2		
Acetonitrile	≥25 - ≤50	FLAMMABLE LIQUIDS - Category 2 ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 4 ACUTE TOXICITY (inhalation) - Category 4 EYE IRRITATION - Category 2A
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3		
Acetonitrile	≥25 - ≤50	FLAMMABLE LIQUIDS - Category 2 ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 4 ACUTE TOXICITY (inhalation) - Category 4 EYE IRRITATION - Category 2A
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8		
Propan-2-ol	≥25 - ≤50	FLAMMABLE LIQUIDS - Category 2 EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 HNOC - Defatting irritant
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10		
Acetonitrile	≥25 - ≤50	FLAMMABLE LIQUIDS - Category 2 ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 4 ACUTE TOXICITY (inhalation) - Category 4 EYE IRRITATION - Category 2A

SARA 313

	Product name	CAS number	%
Form R - Reporting requirements	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1		
	Acetonitrile	75-05-8	≥25 - ≤50
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2		
	Acetonitrile	75-05-8	≥25 - ≤50
	Ammonium acetate	631-61-8	≤3
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3		
	Acetonitrile	75-05-8	≥25 - ≤50
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10		

Section 15. Regulatory information

	Acetonitrile	75-05-8	≥25 - ≤50
Supplier notification	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 Acetonitrile	75-05-8	≥25 - ≤50
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 Acetonitrile Ammonium acetate	75-05-8 631-61-8	≥25 - ≤50 ≤3
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 Acetonitrile	75-05-8	≥25 - ≤50
	TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 Acetonitrile	75-05-8	≥25 - ≤50

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations

Massachusetts

: The following components are listed: ACETONITRILE; RESERPINE; CHLORAMPHENICOL; ISOPROPYL ALCOHOL

New York

: The following components are listed: Acetonitrile; Reserpine; Chloramphenicol


New Jersey

: The following components are listed: ACETONITRILE; ISOPROPYL ALCOHOL

Pennsylvania

: The following components are listed: ACETONITRILE; YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3.BETA.,16.BETA.,17.ALPHA.,18.BETA.,20.ALPHA.); ACETAMIDE, 2,2-DICHLORO-N-[2-HYDROXY-1-(HYDROXYMETHYL)-2-(4-NITROPHENYL)ETHYL], [R-(R*,R*)]-; 2-PROPANOL

California Prop. 65

 **WARNING:** This product can expose you to Reserpine, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Ingredient name	No significant risk level	Maximum acceptable dosage level
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 Reserpine	Yes.	-
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #10 Reserpine	Yes.	-

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

Section 15. Regulatory information

Not listed.

Inventory list

Australia	: Not determined.
Canada	: Not determined.
China	: Not determined.
Japan	: Japan inventory (CSCL) : Not determined. Japan inventory (ISHL) : Not determined.
New Zealand	: Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: Not determined.
Thailand	: Not determined.
Turkey	: Not determined.
United States	: Not determined.
Viet Nam	: All components are listed or exempted.

Section 16. Other information

Procedure used to derive the classification

Classification	Justification
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #4 COMBUSTIBLE DUSTS ACUTE TOXICITY (oral) - Category 4	On basis of test data On basis of test data
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #6 AQUATIC HAZARD (LONG-TERM) - Category 2	Calculation method
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #7 CARCINOGENICITY - Category 1B AQUATIC HAZARD (ACUTE) - Category 1 AQUATIC HAZARD (LONG-TERM) - Category 3	Calculation method Calculation method Calculation method
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #9 SKIN SENSITIZATION - Category 1	Calculation method
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #1 FLAMMABLE LIQUIDS - Category 2 ACUTE TOXICITY (oral) - Category 4 EYE IRRITATION - Category 2A	Expert judgment Calculation method Calculation method
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #2 FLAMMABLE LIQUIDS - Category 2 ACUTE TOXICITY (oral) - Category 4 EYE IRRITATION - Category 2A	Expert judgment Calculation method Calculation method
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #3 FLAMMABLE LIQUIDS - Category 2 ACUTE TOXICITY (oral) - Category 4 EYE IRRITATION - Category 2A	Expert judgment Calculation method Calculation method
TQD/Q-Premier/XE/Q-Micro Qualification Standards Test Kit, #8 FLAMMABLE LIQUIDS - Category 2 EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3	Expert judgment Calculation method Calculation method

Section 16. Other information

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

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

Expert judgment
 Calculation method
 Calculation method

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
 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

🔍 Indicates information that has changed from previously issued version.

Notice to reader

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