

Safety Data Sheet

Version 1.2

Revision Date: June 2, 2023

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	WaveTrace™ Water Standard 1.0
Product number:	81024
Supplier:	Quveon, Inc. 599 Raleigh Road Suite C Henderson, NC 27536 USA
Telephone:	1 800 471 3575
Fax:	1 213 283 3909
Emergency Phone #	1 800 424 9300

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Eye irritation (Category 2A)

GHS Label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H319

Causes serious eye irritation

Precautionary statement(s)

P264

Wash skin thoroughly after handling

P280

Wear protective gloves/protective clothing/eye protection/face protection

P305+351+338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P337+313

If eye irritation persists get medical advice/attention.

HMIS Classification

Health hazard	1
Chronic health hazard	
Flammability	1
Physical hazards	1

NFPA Rating

Health hazard	1
Fire	1
Reactivity hazard	0

Potential Health Effects

Eyes Causes eye irritation

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Hazardous	Concentration
Propylene carbonate	108-32-7	No	<= 100 %

4. FIRST AID MEASURES**General advice**

Move out of dangerous area. Take off all contaminated clothing immediately.

If inhaled

If breathed in, move the person to fresh air.

In case of skin contact

Wash off with plenty of water.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Allow water to be drunk. Do NOT induce vomiting. Rinse mouth with water. Consult a physician immediately.

5. FIREFIGHTING MEASURES**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for firefighters

Wear self-contained breathing apparatus if necessary.

Hazardous combustion products

Hazardous decomposition products formed under fire conditions include carbon oxides.

Additional information

Use water spray to cool unopened containers

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Wear personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up

Contain spillage and collect with a vacuum cleaner or by wet-brushing and place in a container for disposal according to local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use in well-ventilated areas.

Conditions for safe storage

Keep container tightly closed in a dry, cool and well-ventilated location. Opened containers must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering measures

Use only with adequate ventilation. Use process enclosures or local exhaust ventilation. Make sure that eyewash stations and emergency showers are in close proximity to the workstation.

Personal protective equipment

Respiratory protection. In case of insufficient ventilation, wear suitable respiratory protection.

Hand protection. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with the product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection. Tightly fitting safety goggles.

Skin and body protection. Protective suit.

Hygiene measures. General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	liquid
Color	colorless
pH	7.0
Melting point	-49 °C
Boiling point	242 °C at 1013 hPa (760 mmHg)
Flash point	275 °C – closed cup
Density	1.205 g/cm ³
Water solubility	200 g/L at 20 °C

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions

Possibility of hazardous reactions

Hazardous polymerization does not occur.

Conditions to avoid

Extreme heat.

Materials to avoid

Acids, Oxidizing agents

Hazardous decomposition products

In case of fire, carbon oxides are formed.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral LD50

LD50 Oral – rat – 33,520 mg/kg

Inhalation LC50

No data available

Dermal LD50

No data available

Other information on acute toxicity

No data available

Serious eye damage/eye irritation

Eyes – rabbit – Risk of eye irritation

Respiratory or skin sensitization

No data available

Carcinogenicity

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP, IARC, or OSHA.

Reproductive toxicity

Oral application route – rat – No toxicity to reproduction

Teratogenicity

No data available

Synergistic effects

No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Data not available

BOD5 and COD:

Data not available

Products of Biodegradation

Possibly hazardous degradation products are not likely.

13. DISPOSAL CONSIDERATIONS

Follow of Federal, State and Local environmental regulations.

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

OSHA Hazards

Flammable liquid, Irritant, Target Organ Effect, Toxic by inhalation, Toxic by ingestion, Toxic by skin absorption, Carcinogen, Teratogen

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute Health Hazard

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

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