

# SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

## 1. Identification

**Product identifier:** Protectosil® AQUA-TRETE® EM  
**Chemical name:**  
AQUA-TRETE® EM

**Other means of identification**  
None.

### Recommended restrictions

**Recommended use:** For industrial use  
**Restrictions on use:** Not known.

### Manufacturer/Importer/Distributor Information

Company Name : Evonik Corporation  
2 Turner Place  
Piscataway, NJ 08854  
USA

Telephone : +1 732 981 5000

E-mail : product-regulatory-services@evonik.com

### Emergency telephone number:

24-Hour Health : +1 800 424 9300 (CHEMTREC - US & CANADA)  
Emergency : 800 681 9531 (CHEMTREC MEXICO)  
+1 703 527 3887 (CHEMTREC WORLD)

## 2. Hazard(s) identification

### Hazard Classification

Not classified

### Label Elements

**Hazard Symbol:** No symbol

**Signal Word:** No signal word.

**Hazard Statement:** Not applicable

**Precautionary Statements**

**Product name: Protectosil® AQUA-TRETE® EM****Hazard(s) not otherwise classified (HNOC):** None.**3. Composition/information on ingredients****Chemical name:**  
AQUA-TRETE® EM**Mixtures****Composition Comments:** No hazardous ingredients.**4. First-aid measures****Description of necessary first-aid measures****Inhalation:** If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If unconscious, evaluate the need for artificial respiration. Get immediate medical attention.**Skin Contact:** Remove contaminated clothing/shoes. Flush skin with water. Follow by washing with soap and water. If symptoms develop or persist, obtain medical attention. Wash clothing before reuse.**Eye contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes or until all material has been removed. Obtain medical attention.**Ingestion:** If swallowed, get medical attention immediately. Only induce vomiting if directed by a physician. Never give anything by mouth to an unconscious person.**Personal Protection for First-aid Responders:** No data available.**Most important symptoms and effects, both acute and delayed****Symptoms:** None known.**Hazards:** None known.**Indication of immediate medical attention and special treatment needed****Treatment:** None known.**5. Fire-fighting measures****Suitable (and unsuitable) extinguishing media****Suitable extinguishing media:** Use water spray or fog, foam, dry chemical or CO<sub>2</sub>.**Unsuitable extinguishing media:** High volume water jet.**Special hazards arising from the substance or mixture:** Can burn in fire forming carbon dioxide and some carbon monoxide.

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**Special protective equipment and precautions for firefighters**

<b>Special fire fighting procedures:</b>	No data available.
<b>Special protective equipment for fire-fighters:</b>	As in any fire, wear self-contained positive-pressure breathing apparatus, (MSHA/NIOSH approved or equivalent) and full protective gear.

**6. Accidental release measures**

<b>Personal precautions, protective equipment and emergency procedures:</b>	Assure sufficient ventilation. For personal protection see section 8.
<b>Methods and material for containment and cleaning up:</b>	Absorb spill with inert material, then place in a chemical waste container.
<b>Environmental Precautions:</b>	Obey relevant local, state, provincial and federal laws and regulations. Do not contaminate any lakes, streams, ponds, groundwater or soil.

**7. Handling and storage****Handling**

<b>Technical measures (e.g. Local and general ventilation):</b>	Provide adequate ventilation.
<b>Safe handling advice:</b>	Do not breathe vapours or spray mist. Wash thoroughly after handling. Follow all SDS/label precautions even after container is emptied because it may retain product residues.
<b>Contact avoidance measures:</b>	No data available.

**Storage**

<b>Safe storage conditions:</b>	Normal measures for preventive fire protection. Keep container tightly closed in a dry and well-ventilated place.
<b>Safe packaging materials:</b>	No data available.

**8. Exposure controls/personal protection****Control Parameters****Occupational Exposure Limits**

None of the components have assigned exposure limits.

**Biological Limit Values**

No biological exposure limits noted for the ingredient(s).

<b>Appropriate Engineering Controls</b>	Provide adequate ventilation.
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**Individual protection measures, such as personal protective equipment**

**Eye/face protection:** Use chemical splash goggles or face shield.

#### Skin Protection

**Hand Protection:** Additional Information: Use impermeable gloves.

**Skin and Body Protection:** Safety showers and eye showers should be easily accessible. In order to determine further specifications applicable to the personal protection equipment, a hazard assessment according to the OSHA standards (29 CFR 1910.132) for personal protection equipment (PPE) is recommended before the product is used.

**Respiratory Protection:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable federal/provincial requirements must be followed whenever workplace conditions warrant respirator use. NIOSH's "Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.

**Hygiene measures:** No data available.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

#### Appearance

**Physical state:** liquid  
**Form:** liquid  
**Color:** White  
**Odor:** Odorless  
**Odor Threshold:** Not determined.

**Freezing point:** No data available.

**Boiling Point:** 212 °F/100 °C

**Flammability:** Not applicable

#### Upper/lower limit on flammability or explosive limits

**Explosive limit - upper:** Not determined.

**Explosive limit - lower:** Not determined.

**Flash Point:** 199.99 °F/93.33 °C (Pensky-Martens Closed Cup)

**Self Ignition Temperature:** No data available.

**Decomposition Temperature:** Not determined.

**pH:** Not applicable

#### Viscosity

**Dynamic viscosity:** No data available.

**Kinematic viscosity:** No data available.

**Flow Time:** No data available.

#### Solubility(ies)

**Solubility in Water:** miscible

**Solubility (other):** No data available.

**Partition coefficient (n-octanol/water):** Not determined.

**Vapor pressure:** Not determined.

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<b>Relative density:</b>	0.98
<b>Density:</b>	No data available.
<b>Bulk density:</b>	No data available.
<b>Relative vapor density:</b>	No data available.

**Particle characteristics**

<b>Particle Size:</b>	No data available.
<b>Particle Size Distribution:</b>	No data available.
<b>Specific surface area:</b>	No data available.
<b>Surface charge/Zeta potential:</b>	No data available.
<b>Shape:</b>	No data available.
<b>Crystallinity:</b>	No data available.
<b>Surface treatment:</b>	No data available.

**Other information**

<b>Minimum ignition temperature:</b>	Not determined.
<b>Evaporation Rate:</b>	Not determined.

**10. Stability and reactivity**

<b>Reactivity:</b>	No dangerous reaction known under conditions of normal use.
<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions:</b>	No dangerous reactions known.
<b>Conditions to avoid:</b>	Keep away from heat and sources of ignition.
<b>Incompatible Materials:</b>	Incompatible substances: acids Strong bases. Oxidizing agents. Alkalies.
<b>Hazardous Decomposition Products:</b>	Silicon Dioxide.

**11. Toxicological information****Information on toxicological effects****Information on likely routes of exposure**

<b>Inhalation:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Eye contact:</b>	No data available.
<b>Ingestion:</b>	No data available.

**Acute toxicity (list all possible routes of exposure)**

<b>Oral Product:</b>	No data available.
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**Dermal**  
**Product:** No data available.**Inhalation**  
**Product:** No data available.**Repeated dose toxicity**  
**Product:** No data available.**Skin Corrosion/Irritation**  
**Product:** No data available.**Serious Eye Damage/Eye Irritation**  
**Product:** No data available.**Respiratory or Skin Sensitization**  
**Product:** No data available.**Carcinogenicity**  
**Product:** 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.**Germ Cell Mutagenicity****In vitro**  
**Product:** No data available.**In vivo**  
**Product:** No data available.**Reproductive toxicity**  
**Product:** No data available.**Specific Target Organ Toxicity - Single Exposure**  
**Product:** No data available.**Specific Target Organ Toxicity - Repeated Exposure**  
**Product:** No data available.**Aspiration Hazard**  
**Product:** No data available.**Information on health hazards****Other hazards**  
**Product:** No toxicological tests have been conducted with the product itself.;**12. Ecological information****Ecotoxicity:**  
**Acute hazards to the aquatic environment:****Fish**  
**Product:** No data available.**Aquatic Invertebrates**  
**Product:** No data available.**Toxicity to Aquatic Plants**

**Product name: Protectosil® AQUA-TRETE® EM**

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**Product:** No data available.**Toxicity to microorganisms****Product:** No data available.**Chronic hazards to the aquatic environment:****Fish****Product:** No data available.**Aquatic Invertebrates****Product:** No data available.**Toxicity to Aquatic Plants****Product:** No data available.**Toxicity to microorganisms****Product:** No data available.**Persistence and Degradability****Biodegradation****Product:** No data available.**BOD/COD Ratio****Product:** No data available.**Bioaccumulative potential****Bioconcentration Factor (BCF)****Product:** No data available.**Partition Coefficient n-octanol / water (log Kow)****Product:** Log Kow: Not determined.**Mobility in soil:****Product** No data available.**Results of PBT and vPvB assessment:****Product** A PBT/vPvB evaluation is not available, since a chemical safety evaluation is not required / has not been carried out.**Other adverse effects:****Other hazards****Product:** No ecotoxicological studies are available.**13. Disposal considerations****Disposal methods:** Waste must be disposed of in accordance with federal, state and local regulations. Incineration is the preferred method.**Contaminated Packaging:** Packaging, that can not be reused after cleaning must be disposed or recycled in accordance with all federal, national and local regulations.

**14. Transport information****Domestic regulation****49 CFR**

Not regulated as a dangerous good

Remarks : Not dangerous according to transport regulations.

**International Regulations****UNRTDG**

Not regulated as a dangerous good

**IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**15. Regulatory information****US Federal Regulations****TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

None present or none present in regulated quantities.

**US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)**

None present or none present in regulated quantities.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended**

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

None present or none present in regulated quantities.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****Hazard categories**

Not classified

**US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances****US. EPCRA (SARA Title III Section 313 Toxic Chemical Release Inventory (TRI) Reporting**

None present or none present in regulated quantities.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

None present or none present in regulated quantities.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

None present or none present in regulated quantities.



**US State Regulations**
**US. California Proposition 65**

No ingredient requiring a warning under CA Prop 65.

**US. New Jersey Worker and Community Right-to-Know Act**

No ingredient regulated by NJ Right-to-Know Law present.

**US. Massachusetts RTK - Substance List**

No ingredient regulated by MA Right-to-Know Law present.

**US. Pennsylvania RTK - Hazardous Substances**

No ingredient regulated by PA Right-to-Know Law present.

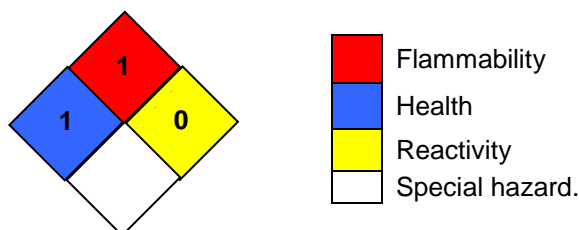
**US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.

**16. Other information, including date of preparation or last revision**
**HMIS Hazard ID**

<b>Health</b>	1
<b>Flammability</b>	1
<b>Physical Hazards</b>	0
<b>PERSONAL PROTECTION</b>	

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

**NFPA Hazard ID**


Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

**Issue Date:** 11/12/2021

**Version #:** 1.1

**Further Information:** No data available.

**Revision Information** Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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