

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 ingredientsChemical 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 CO₂.**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.

Special protective equipment and precautions for firefighters

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

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Assure sufficient ventilation. For personal protection see section 8.
Methods and material for containment and cleaning up:	Absorb spill with inert material, then place in a chemical waste container.
Environmental Precautions:	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**

Technical measures (e.g. Local and general ventilation):	Provide adequate ventilation.
Safe handling advice:	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.
Contact avoidance measures:	No data available.

Storage

Safe storage conditions:	Normal measures for preventive fire protection. Keep container tightly closed in a dry and well-ventilated place.
Safe packaging materials:	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).

Appropriate Engineering Controls	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.

Product name: Protectosil® AQUA-TRETE® EM

Relative density:	0.98
Density:	No data available.
Bulk density:	No data available.
Relative vapor density:	No data available.

Particle characteristics

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

Other information

Minimum ignition temperature:	Not determined.
Evaporation Rate:	Not determined.

10. Stability and reactivity

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

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

Inhalation:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.
Ingestion:	No data available.

Acute toxicity (list all possible routes of exposure)

Oral Product:	No data available.
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Product name: Protectosil® AQUA-TRETE® EM

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

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.

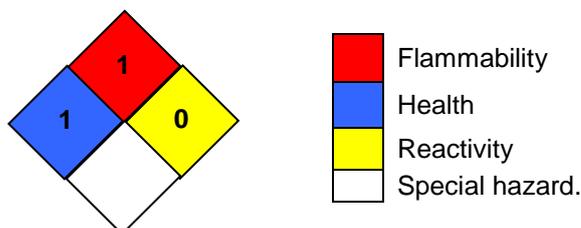
US. Rhode Island RTK

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

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

Health	1
Flammability	1
Physical Hazards	0
PERSONAL PROTECTION	

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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