

**1. Identification**

Common Name/  
Trade Name: **Fritz Algae Clean Out**  
Material Uses: Algaecide

Revision Date: May 18, 2015

Product Number : N/A

Supplier: FRITZ INDUSTRIES, INC.  
500 N. SAM HOUSTON ROAD  
MESQUITE, TX 75149

**In Case of Emergency:**  
Week Days: CHEMTREC  
(Monday – Friday 8-5): (7 days a week, 24 hours a day)  
(972) 285-5471 (800) 424-9300  
(800) 955-1323

**2. Hazard(s) Identification**

Classification: Not classified under GHS.

Labeling  
Symbol: Symbol not required  
Signal word: Signal word not required  
Hazard Statement: Not a hazardous substance or mixture.  
Precautionary Statements: P102 Keep out of reach of children.  
P233 Keep container tightly closed.  
P264 Wash hands thoroughly after handling

Other hazard information:  
Physical/Chemical Hazards: No additional hazards.  
Health Hazards: May be irritating to the skin, eyes, and respiratory system.  
Environmental Hazards: No additional hazards.

**3. Composition and Information on Ingredients**

<u>Chemical Identity</u>	<u>Numbers of Identity</u>	<u>% by Weight</u>
Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride	CAS# 31075-24-8	<10

**4. First Aid Measures**

Inhalation: Inhalation not probable, but if mist is inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek medical attention.

Skin Contact: Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If irritation develops and persists, seek medical attention.

Eye Contact: Do not rub eyes. Immediately flush eyes with water for at least 15 minutes, while keeping eyelids open. If irritation develops and persists, seek medical attention.

Ingestion: If swallowed, do not induce vomiting. Give plenty of water to dilute. Seek medical attention.

**5. Fire and Explosion Data**

General information: Product is not flammable or combustible.

Suitable Extinguishing Media: Use suitable media to extinguish surrounding fire.

Unsuitable Extinguishing Media: None known

Specific Hazards in case of fire: None known

Special Protective Equipment and Precaution for Fire Fighters: Full protective clothing and approved self-contained breathing apparatus required for fire personnel.

**6. Accidental Release Measures**

<b>Personal precautions:</b>	Avoid contact with material. Use proper personal protective equipment, see section 8. Spilled material may cause a slipping hazard.
<b>Environmental precautions:</b>	Prevent from entering sewer and waterways.
<b>Methods and materials for containment and cleaning up:</b>	Ventilate area. Isolate and contain spill. Use absorbent material to pick up material and place in a suitable container for disposal.

**7. Handling and Storage**

<b>Precautions for safe handling:</b>	Use proper personal protective equipment, see section 8. Avoid contact with material. Wash thoroughly after handling.
<b>Conditions for safe storage, including incompatibilities:</b>	Keep container tightly closed. Store in a cool, dry, well-ventilated area. Store away from incompatibles (see section 10). Avoid extreme heat and cold.

**8. Exposure Controls/Personal Protection****Information on the system design:**

Exposure Limits:	Component Name	Reference	Limit Values
	Fritz Algae Clean Out	ACGIH (TWA)	Not established
		NIOSH (REL)	Not established
		OSHA (PEL)	Not established

<b>Ventilation:</b>	Use with adequate ventilation.
<b>Respiratory protection:</b>	Not necessary, but if user generates mist, use a respirator approved for mist.
<b>Eye protection:</b>	Not required, but safety glasses with side-shields or goggles are recommended.
<b>Skin protection:</b>	Not required, but chemical resistant gloves are recommended. Wash contact areas with soap and water after use.

**9. Physical and Chemical Properties**

Flashpoint:	Not determined	Lower Flammability Limit:	Not determined
Auto ignition Temperature:	Not determined	Upper Flammability Limit:	Not determined
Boiling Point:	<b>&gt;212°F</b>	Specific Gravity:	Not determined
Melting Point:	Not determined	% Volatile:	Not determined
Vapor Pressure, mm <sub>Hg</sub> :	Not determined	Evaporation Rate (Water=1):	Not determined
Vapor Density (air=1):	Not determined	Viscosity:	Not determined
%Solubility in Water:	<b>Soluble</b>	Octanol/Water Partition Coefficient:	Not determined
Pour Point:	Not determined	pH:	<b>5.0 – 7.0</b>
Odor/Appearance:	<b>Mild odor/Pale yellow liquid</b>		

**10. Stability and Reactivity Data**

Chemical Stability:	Product is stable under recommended conditions of use and storage.
Possibility of hazardous reactions:	None known.
Conditions to avoid:	Extreme heat and cold.
Materials to avoid:	Anionic polymers, acids, and oxidizers.
Hazardous Decomposition Products	None known.

**11. Toxicological Information**

Routes of Exposure:	Skin contact, eye contact, and ingestion.
Acute Toxicity:	Data not available.
Subchronic/Chronic Toxicity:	No known effects from chronic exposure.

**12. Ecological Information**

<b>Persistence and degradability:</b>	Data not available.
<b>Bio-accumulative potential:</b>	Data not available.
<b>Mobility:</b>	Data not available.

Test	Results	Comments
Toxicity	Data not available	

**13. Disposal Considerations**

Waste Disposal:	Whatever cannot be saved for reclamation may be disposed by following local, state, and federal regulations.
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**14. Transport Information**

<b>US DOT Classification:</b>	Not regulated.
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### 15. Other Regulatory Information

Inventory Status:

Components are listed with TSCA inventory or are exempt.

#### US Regulations:

SARA 302 EHS Chemicals: This material does not contain any SARA extremely hazardous substances.  
SARA (311/312) HAZARD CATEGORIES: Acute Health Hazard  
SARA 313: This material does not contain any SARA 313 chemicals.  
EPA CERCLA/Superfund Reportable Spill Quantity: This material does not contain any CERCLA regulated chemicals.  
EPA Registration Number: 14802-8

### 16. Other Information

#### Abbreviations and acronyms:

ACGIH: American Conference of Governmental Industrial Hygienists  
CAS: Chemical Abstract Service  
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act  
EHS: Extremely Hazardous Substances  
EPA: Environmental Protection Agency  
GHS: Globally Harmonized System  
HMIS: Hazardous Materials Identification System  
mg/m<sup>3</sup>: Milligrams per Cubic Meter  
NFPA: National Fire Protection Association  
NIOSH: National Institute for Occupational Safety and Health  
OSHA: Occupational Safety and Health Administration  
PEL: Permissible Exposure Limit  
PPE: Personal Protective Equipment  
REL: Recommended Exposure Limit  
SARA: Superfund Amendments and Reauthorization Act  
STEL: Short-term exposure limit  
TSCA: Toxic Substances Control Act  
TWA: Time weighted average

#### Additional Information:

HMIS (U.S.A.): Health 1, Flammability 0, Reactivity 0, Protective Equipment e  
NFPA (U.S.A.): Health 1, Flammability 0, Reactivity 0

Prepared by: Michael Carlo

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#### Disclaimer

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End of SDS