

1. Identification

Common Name/ Trade Name: Fritz Guard	Revision Date: April 8, 2015
Material Uses: Aquarium water conditioner	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.
P262 Do not get in eyes, on skin, or on clothing.
P264 Wash hands thoroughly after handling.

Other hazard information:
Physical/Chemical Hazards: No additional hazards.
Health Hazards: No additional hazards.
Environmental Hazards: No additional hazards.

3. Composition and Information on Ingredients

<u>Chemical Identity</u>	<u>Common Name</u>	<u>Numbers of Identity</u>	<u>% by Weight</u>
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This material is not hazardous as defined in 29 CFR 1910.1200.

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. If nausea or gastric irritation develops, 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

Personal precautions: Avoid contact with material. Use proper personal protective equipment, see section 8. Spilled material may cause a slipping hazard.

Environmental precautions: Prevent from entering sewer and waterways.

Methods and materials for containment and cleaning up: 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

Precautions for safe handling: Use proper personal protective equipment, see section 8. Avoid contact with material. Wash thoroughly after handling.

Conditions for safe storage, including incompatibilities: 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 Guard	ACGIH (TWA)	Not established
	NIOSH (REL)	Not established
	OSHA (PEL)	Not established

Ventilation: Use with adequate ventilation.

Respiratory protection: Not necessary, but if user generates mist, use a respirator approved for mist.

Eye protection: Not required, but recommended.

Skin protection: Not required, but 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:	212°F	Specific Gravity:	1.092
Melting Point:	Not determined	% Volatile:	Not determined
Vapor Pressure, mm _{Hg} :	Not determined	Evaporation Rate (Water=1):	Not determined
Vapor Density (air=1):	Not determined	Viscosity:	Not determined
%Solubility in Water:	Soluble	Octanol/Water Partition Coefficient:	Not determined
Pour Point:	Not determined	pH:	8.8 – 9.5
Odor/Appearance:	Mild odor/Blue liquid		

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:	Strong 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

Persistence and degradability:	Data not available.
Bio-accumulative potential:	Data not available.
Mobility:	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.

14. Transport Information

US DOT Classification: Not regulated.

15. Other Regulatory Information

Inventory Status:

Not listed with TSCA.

US Regulations:

SARA 302 EHS Chemicals: This material does not contain any SARA extremely hazardous substances.

SARA (311/312) HAZARD CATEGORIES: No hazards listed.

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.

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/m³: 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 0, Flammability 0, Reactivity 0, Protective Equipment e
NFPA (U.S.A.): Health 0, Flammability 0, Reactivity 0

Prepared by: **Michael Carlo**

Preparation date: **April 8, 2015**

Disclaimer

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End of SDS