

1. Identification

Common Name/ Trade Name:	FritzZyme Trace	Revision Date:	May 4, 2015
Material Uses:	Water quality	Product Number :	N/A

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

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

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.
P103 Read label before use.
P264 Wash 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

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

4. First Aid Measures

Inhalation: If inhaled, remove from area 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: In case of contact, wash exposed area with water. Remove contaminated clothing and launder before reuse. See medical attention if irritation or redness persists.

Eye Contact: Immediately flush eyes thoroughly with large amounts of water for a minimum of 15 minutes, while holding eyelids open. If irritation or adverse symptoms develop, seek medical attention.

Ingestion: If victim is conscious and alert, rinse mouth out and give 1/2 to 1 cup of water to dilute material. If gastric irritation develops, seek medical attention.

5. Fire and Explosion Data

General Information: Material is not considered flammable or combustible.

Suitable Extinguishing Media: Use fire extinguishing media appropriate for 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 skin and eye contact. Use appropriate personal protective equipment, see section 8. Spilled material may cause a slipping hazards.

Environmental precautions: Prevent product from entering storm sewers or drains.

Methods and materials for For all spills, soak up in inert absorbent material and place in suitable container for

containment and cleaning up: disposal.

7. Handling and Storage

Precautions for safe handling:

For aquarium use only. Use proper personal protective equipment, see section 8. Avoid contact with material. Wash thoroughly after handling. Keep container tightly closed. Store in original container protected from direct sunlight in a dry, cool, and well-ventilated area. Store away from oxidizers, acids, and metals. See section 10 for list of incompatibles.

Conditions for safe storage, including incompatibilities:

8. Exposure Controls/Personal Protection

Information on the system design:

Exposure Limits:

Component Name	Reference	Limit Values
FritzZyme Trace	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:

Safety glasses with side-shields or splash goggles.

Skin protection:

Chemical resistant gloves.

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:	Not determined	Density:	0.997
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:	7.1
Odor/Appearance:	Slight chemical odor/purplish-red 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:	Oxidizers.
Hazardous Decomposition Products:	None known.

11. Toxicological Information

Routes of Exposure:	Eye contact, skin 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.

Aquatic Toxicity:

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: Components are listed in TSCA inventory, except Copper Sulfate Pentahydrate.

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
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