

1. Identification

Common Name/ Trade Name: **FritzZyme Trace**
 Material Uses: Water quality

Revision Date: June 13, 2019
 Product Number: N/A

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

In Case of Emergency:

Weekdays: (Monday – Friday, 8-5): (972) 329-8800 (800) 955-1323	CHEMTREC (7 days a week, 24 hours a day) (800) 424-9300
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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.
Other Hazard Information:		P264 Wash skin thoroughly after handling. P281 Use personal protective equipment as required.
	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>Numbers of Identity</u>	<u>Weight %</u>
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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(s) with water. Remove contaminated clothing and laundry before reuse. Seek 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 ½ to 1 cup of water to dilute material. If symptoms persist, 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 hazard.
Environmental Precautions:	Prevent product from entering storm sewers or drains.
Methods and Materials for Containment and Cleaning Up:	For all spills, soak up with an inert absorbent material and place in suitable container for 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 exposed areas thoroughly after handling.
Conditions for Safe Storage, including Incompatibilities:	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.

8. Exposure Controls/Personal Protection**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:	Respiratory protection not required in normal conditions. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Use a MSHA/NIOSH certified respirator that meets with OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements.
Eye Protection:	Not required, but safety glasses with side-shields or goggles are recommended.
Skin Protection:	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:	Not determined	Density:	0.987 – 1.007
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:	2.65 – 6.56
Odor/Appearance:	Slight chemical odor/Light pink to rose 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, reducing agents, acids, and metals.
Hazardous Decomposition Products:	None known.

11. Toxicological Information

Routes of Exposure:	Eye contact, skin contact, and ingestion.
Acute Toxicity:	No data available.
Skin Corrosion/Irritation:	No data available.
Serious Eye Damage/Irritation:	No data available.
Respiratory/Skin Sensitization:	No data available.
Germ Cell Mutagenicity:	No data available.
Carcinogenicity:	No data available.
Reproductive Toxicity:	No data available.
STOT, SE:	No data available.
STOT, RE:	No data available.
Other Chronic Toxicity:	No known effects from chronic exposure.

12. Ecological Information

Persistence and Degradability:	No data available.
Bio-accumulative Potential:	No data available.
Mobility:	No data available.
Aquatic Toxicity:	

Test	Results	Comments
Toxicity	No data 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

US DOT Classification:	Not regulated.
IATA:	Not regulated.
IMDG:	Not regulated.

15. Other Regulatory Information

Inventory Status:	Components are listed in TSCA inventory or are exempt.
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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.
California Proposition 65:	This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

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
IATA: International Air Transport Association
IMDG: International Maritime Dangerous Goods
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
STOT, RE: Specific Target Organ Toxicity, Repeated Exposure
STOT, SE: Specific Target Organ Toxicity, Single Exposure
TSCA: Toxic Substances Control Act
TWA: Time weighted average

Additional Information:

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

Revisions:

Reviewed SDS, updated sections 11, 14 and 15. (06/13/2019)

Supersedes:

May 4, 2015

Prepared By: Michael Carlo

Preparation Date: June 13, 2019

Disclaimer

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End of SDS