

**1. Identification**

Common Name/  
Trade Name: **Fritz Aquatics A+ Aquarium Salt**  
Material Uses: Aquarium water quality

Revision Date: June 24, 2016

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 thoroughly after handling.  
P281 Use personal protection equipment as required.

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>
--------------------------	--------------------	----------------------------	--------------------

This product is considered not hazardous as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

**4. First Aid Measures**

**Inhalation:** If 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 ingested, do not induce vomiting. If alert and conscious, remove material from mouth and rinse. Give 2 to 4 cups of water to dilute. Seek medical attention if large amount is ingested.

**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:** Irritating and toxic fumes may be generated by thermal decomposition.

**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 breathing dust. Use proper personal protective equipment, see section 8.
<b>Environmental precautions:</b>	Prevent from entering sewers and waterways.
<b>Methods and materials for containment and cleaning up:</b>	Ventilate area. Isolate and contain spill. Use dry methods to collect spilled materials. Avoid generating dust. Place material in suitable container for reclamation or disposal.

**7. Handling and Storage**

<b>Precautions for safe handling:</b>	Avoid breathing dust. Minimize dust generation. Avoid contact with skin and eyes. Wear suitable personal protective equipment (see section 8).
<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).

**8. Exposure Controls/Personal Protection****Exposure Limits:**

Component Name	Reference	Limit Values
Fritz Aquatics A+ Aquarium Salt	ACGIH (TWA)	Not Established
	NIOSH (REL)	Not Established
	OSHA (PEL)	Not Established

<b>Ventilation:</b>	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels minimum.
<b>Respiratory protection:</b>	Not required, but if dust is generated, use adequate respiratory protection.
<b>Eye protection:</b>	Use safety glasses with side-shields or splash goggles.
<b>Skin protection:</b>	Use chemical resistant gloves. Clothing should cover arms and legs.

**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 applicable	Bulk Density:	Not determined
Melting Point:	Not determined	% Volatile:	Not determined
Vapor Pressure, mm <sub>Hg</sub> :	Not applicable	Evaporation Rate (Water=1):	Not applicable
Vapor Density (air=1):	Not applicable	Viscosity:	Not applicable
%Solubility in Water:	<b>Soluble</b>	Octanol/Water Partition Coefficient:	Not determined
Pour Point:	Not applicable	pH:	<b>6 - 8</b>
Odor/Appearance:	<b>Odorless/White Coarse Powder</b>		

**10. Stability and Reactivity Data**

<b>Chemical Stability:</b>	Product is stable under recommended conditions of storage and use.
<b>Possibility of hazardous reactions:</b>	Product is non-reactive under recommended conditions of storage and use.
<b>Conditions to avoid:</b>	Dust generation, moisture.
<b>Materials to avoid:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Irritating and toxic fumes may be generated by thermal decomposition.

**11. Toxicological Information**

<b>Routes of Exposure:</b>	Skin/eye contact, inhalation and ingestion.
<b>Acute Toxicity:</b>	LD <sub>50</sub> : 3,550 mg/kg, oral, rat. LC <sub>50</sub> : >42,000 mg/m <sup>3</sup> , inhalation, rat. LD <sub>50</sub> : >10,000 mg/kg, dermal, rabbit.
<b>Skin Corrosion/Irritation:</b>	No data available.
<b>Serious Eye Damage/irritation:</b>	No data available.
<b>Respiratory/Skin Sensitization:</b>	No data available.
<b>Germ cell Mutagenicity:</b>	No data available.
<b>Carcinogenicity:</b>	Not classified as a carcinogen.
<b>Reproductive toxicity:</b>	No data available.
<b>STOT, SE:</b>	No data available.
<b>STOT, RE:</b>	No data available.
<b>Other Chronic Effects:</b>	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
Blue gill ( <i>Lepomis macrochirus</i> )	LC <sub>50</sub> : 5,840 mg/l, 96 hours	
Water Flea ( <i>Daphnia magna</i> )	LC <sub>50</sub> : 1,661 mg/l, 48 hours	

**13. Disposal Considerations****Waste Disposal:** Disposal should be made in accordance with federal, state, and local regulations.**14. Transport Information****US DOT Classification:** Not regulated**15. Other Regulatory Information****Inventory Status:** Components are listed in TSCA inventory or are exempt.**US Regulations:**

SARA 302 EHS Chemicals: This product does not contain ingredients listed as an Extremely Hazardous Substance.

SARA (311/312) Hazard Categories: No hazards listed.

SARA 313: This product does not contain ingredients on the List of Toxic 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  
LC<sub>50</sub>: Lethal Concentration, half maximal  
LD<sub>50</sub>: Lethal Dose, half maximal  
mg/kg: Milligrams per kilograms  
mg/l: Milligrams per Liter  
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  
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**Preparation date:** June 24, 2016Disclaimer

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. FRITZ INDUSTRIES, INC. assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.

End of SDS