

**1. Identification**

Common Name/  
Trade Name: **Cichlid Salt**  
Material Uses: Aquarium Water Quality

Revision Date: March 14, 2018

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 a day)  
(972) 285-5471 (800) 424-9300  
(800) 955-1323

**2. Hazard(s) Identification**

Classification: Skin Irritation, Category 2  
Eye Irritation, Category 2

Labeling:

Symbol:



Signal word: WARNING

Hazard Statement: H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary Statements: P102 Keep out of reach of children.

P103 Read label before use.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/eye protection/face protection.

P302 + P352 IF ON SKIN: wash with plenty of soap and water.

P332 + P313 IF SKIN irritation occurs: Get medical advice/attention.

P362 Do not get in eyes, on skin, or on clothing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical attention.

Other hazard information:

Physical/Chemical Hazards: No additional hazards.

Health Hazards: Ingestion may cause gastrointestinal irritation.

Dust inhalation may cause irritation to mucous membranes and respiratory system.

Environmental Hazards: No additional hazards.

**3. Composition and Information on Ingredients**

<b>Chemical Identity</b>	<b>Numbers of Identity</b>	<b>% by Weight</b>
Calcium Chloride	CAS# 10043-52-4	<10
Aluminum Sulfate	CAS# 16828-12-9	<1.0
Potassium Iodide	CAS# 7681-11-0	<0.1
Iron Sulfate	CAS# 7720-78-7	<1.0

**4. First Aid Measures**

<b>Inhalation:</b>	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.
<b>Skin Contact:</b>	In case of contact, wash exposed area with water. Remove contaminated clothing and laundry before reuse. See medical attention if irritation or redness persists.
<b>Eye Contact:</b>	In case of contact, do not rub eyes. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation or adverse symptoms develop, seek medical attention.
<b>Ingestion:</b>	If victim is conscious and alert, rinse mouth out. Do not induce vomiting. Seek medical attention.

**5. Fire and Explosion Data**

<b>General Information:</b>	This material is not flammable or combustible.
<b>Suitable Extinguishing Media:</b>	Use suitable extinguishing media for surrounding fire.
<b>Unsuitable Extinguishing Media:</b>	Do not use water directly on material.
<b>Specific Hazards in case of fire:</b>	Negligible fire hazard when exposed to heat or flame. Do not allow runoff to enter waterways.
<b>Special Protective Equipment and Precaution for Fire Fighters:</b>	Full protective clothing and approved self-contained breathing apparatus required for fire personnel.

**6. Accidental Release Measures**

<b>Personal precautions:</b>	Avoid skin and eye contact. Avoid breathing dust. Use appropriate 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 direct skin and eye contact with material. Avoid breathing dust. Use proper personal protective equipment, see section 8. Wash thoroughly after handling.
<b>Conditions for safe storage, including incompatibilities:</b>	Keep container tightly closed. Store in a cool, dry and well ventilated location. Keep away from strong oxidizing agents (see section 10).

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

Component Name (CAS-No.)	Reference	Limit Values	
Particulates Not Otherwise Regulated (Nuisance Dust)	ACGIH (TWA)	10 mg/m <sup>3</sup> (Inhalable)	3 mg/m <sup>3</sup> (Respirable)
	NIOSH (REL)	Not established	
	OSHA (PEL)	15 mg/m <sup>3</sup> (Total)	5 mg/m <sup>3</sup> (Respirable)

<b>Ventilation:</b>	Use local exhaust ventilation or other engineering controls to keep airborne dust levels below exposure limits.
<b>Respiratory protection:</b>	If ventilation is inadequate or user generates dust, use a NIOSH/MSHA approved respirator for particulates.
<b>Eye protection:</b>	Safety glasses with side shields or goggles.
<b>Skin protection:</b>	Chemical resistant gloves and boots.

**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	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 available	Viscosity:	Not determined
%Solubility in Water:	<b>Soluble</b>	Octanol/Water Partition Coefficient:	Not determined
Pour Point:	Not determined	pH:	Not determined
Odor/Appearance:	<b>Odorless/White powder</b>		

**10. Stability and Reactivity Data**

<b>Chemical Stability:</b>	Chemically stable under recommended conditions of use and storage.
<b>Possibility of hazardous reactions:</b>	Does not react under recommended conditions of use and storage.
<b>Conditions to avoid:</b>	Dust generation and accumulation.
<b>Materials to avoid:</b>	Strong acids, bases and strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	None known under normal conditions.

**11. Toxicological Information**

<b>Routes of Exposure:</b>	Inhalation, ingestion, skin contact and eye contact.
<b>Acute Toxicity:</b>	ATE LD <sub>50</sub> : 4,016 mg/Kg, oral, rat (by calculation) Dermal LD <sub>50</sub> : No data available. Inhalation LC <sub>50</sub> : No data available.
<b>Skin Corrosion/Irritation:</b>	Causes skin irritation.
<b>Serious Eye Damage/Eye Irritation:</b>	Causes serious eye irritation.
<b>Respiratory/Skin Sensitization:</b>	No data available.
<b>Germ cell Mutagenicity:</b>	No data available.
<b>Carcinogenicity:</b>	No data available.
<b>Reproductive toxicity:</b>	No data available.
<b>STOT, SE:</b>	May cause respiratory irritation through inhalation. Based on available data, classification criteria are not met.
<b>STOT, RE:</b>	No data available.
<b>Other Chronic Toxicity:</b>	No known effects from chronic exposure.

**12. Ecological Information**

<b>Persistence and degradability:</b>	No data available.
<b>Bio-accumulative potential:</b>	No data available.
<b>Mobility:</b>	No data available.
<b>Aquatic Toxicity:</b>	

Test	Results	Comments
Toxicity	No data available	

**13. Disposal Considerations**

<b>Waste Disposal:</b>	Disposal should be made in accordance with federal, state, and local regulations.
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**14. Transport Information**

<b>US DOT:</b>	Not regulated
<b>IATA:</b>	Not regulated
<b>IMDG:</b>	Not regulated

**15. Other Regulatory Information**

<b>Inventory Status:</b>	Components of this product are on the TSCA inventory or are exempt.
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**US Regulations:**

SARA 302 EHS Chemicals:	This product does not contain ingredients listed as an Extremely Hazardous Substance.
SARA (311/312) Hazard Categories:	Acute Health Hazard
SARA 313:	This product does not contain ingredients on the List of Toxic 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  
EC<sub>50</sub>: Effective Concentration, half maximal  
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 Kilogram  
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  
OECD: Organization for Economic Co-operation and Development  
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 1, Flammability 0, Reactivity 0, Personal Protection b  
NFPA (U.S.A.): Health 1, Flammability 0, Reactivity 0

**Prepared by: Michael Carlo**

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End of SDS