

## 1. Identification

Common Name/ Trade Name: Material Uses:	<b>Fritz ProAquatics Sodium Bicarbonate</b>	Revision Date: May 8, 2019 Product Number: N/A		
Supplier:	FRITZ INDUSTRIES, INC. 500 SAM HOUSTON ROAD MESQUITE, TX 75149	<p style="text-align: center;"><b>In Case of Emergency:</b></p> <table> <tr> <td>Week Days: (Monday – Friday 8-5): (972) 329-8800 (800) 955-1323</td> <td>CHEMTREC (7 days a week, 24 hours a day) (800) 424-9300</td> </tr> </table>	Week Days: (Monday – Friday 8-5): (972) 329-8800 (800) 955-1323	CHEMTREC (7 days a week, 24 hours a day) (800) 424-9300
Week Days: (Monday – Friday 8-5): (972) 329-8800 (800) 955-1323	CHEMTREC (7 days a week, 24 hours a day) (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. P233 Keep container tightly closed. P264 Wash thoroughly after handling. P281 Use personal protective 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>Numbers of Identity</u>	<u>% by Weight</u>
Sodium Bicarbonate	CAS # 144-55-8	>99.7%

**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:** Remove contaminated clothing and wash contact areas with soap and water. Launder contaminated clothing before reuse. If irritation develops and persists, seek medical attention.

**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:** This material 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 gases may be generated by thermal decomposition or ignition.

**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. Avoid dust formation. Avoid breathing dust. Use appropriate personal protective equipment, see section 8.

**Environmental precautions:** Prevent from entering sewers and waterways.

**Methods and materials for containment and cleaning up:** 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**

**Precautions for safe handling:** Avoid direct skin and eye contact with material. Avoid dust formation. Avoid breathing dust. Use proper personal protective equipment, see section 8. Wash exposed areas thoroughly after handling.

**Conditions for safe storage, including incompatibilities:** Keep container tightly closed. Store in a cool, dry, and well ventilated location. Keep away from water/humidity/moisture. Store away from strong oxidizing agents and other incompatibles, see section 10.

**8. Exposure Controls/Personal Protection**

**Exposure Limits:**

Component Name (CAS-No.)	Reference	Limit Values
Sodium Bicarbonate CAS # 144-55-8	ACGIH (TWA)	Not established
	NIOSH (REL)	Not established
	OSHA (PEL)	Not established

**Ventilation:** Use local exhaust ventilation or other engineering controls to keep airborne dust levels minimal.

**Respiratory protection:** If ventilation is inadequate, use a MSHA/NIOSH approved respirator that meets with OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements.

**Eye protection:** Safety glasses with side shields or goggles.

**Skin protection:** Chemical resistant gloves and boots.



**Fritz ProAquatics Sodium Bicarbonate SDS****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:	<b>2.16</b>
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 available	Viscosity:	Not applicable
%Solubility in Water:	<b>Soluble</b>	Octanol/Water Partition Coefficient:	Not applicable
Pour Point:	NA	pH (1% solution):	<b>8.3</b>
Odor/Appearance:	<b>Odorless/White crystals</b>		

**10. Stability and Reactivity Data**

<b>Chemical Stability:</b>	Stable under recommended conditions of use and storage.
<b>Possibility of hazardous reactions:</b>	Hazardous reactions should not occur under recommended conditions of use and storage. Reacts with strong oxidizers and acids.
<b>Conditions to avoid:</b>	Excessive heat, exposure to moisture, and dust formation.
<b>Materials to avoid:</b>	Monoammonium phosphate, strong acids and strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition may release oxides of carbon and oxides of sodium.

**11. Toxicological Information**

<b>Routes of exposure:</b>	Skin contact, eye contact, inhalation, ingestion.
<b>Acute Toxicity:</b>	Oral LD <sub>50</sub> : 4,220 mg/kg, rat. Dermal LD <sub>50</sub> : No data available. Inhalation LC <sub>50</sub> : No data available.
<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>	No data available.
<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>	None known.

**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	Data not available.	

**13. Disposal Considerations**

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

**14. Transport Information**

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

**15. Other Regulatory Information**

**Inventory Status:** Components of this product are on the 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: This product does not present any hazards.

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.

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  
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  
IATA: International Air Transport Association  
IMDG: International Maritime Dangerous Goods  
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 0, Flammability 0, Reactivity 0, Personal Protection b  
NFPA (U.S.A.): Health 0, Flammability 0, Reactivity 0

**Revisions:**

Reviewed SDS, updated sections 11 and 15. (05/08/2019)

**Supersedes:**

March 23, 2015

**Prepared by: Michael Carlo**

**Preparation date: May 8, 2019**

Disclaimer

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

