

# SAFETY DATA SHEET



Colonial Chemical Solutions, Inc.

## SECTION 1 - COMPANY AND PRODUCT IDENTIFICATION

### PRODUCT

**Product Name:** SODIUM SULFITE  
**Control Number:** 00243  
**Product Description:** Sulfite Salt

### COMPANY IDENTIFICATION

**Supplier:** COLONIAL CHEMICAL SOLUTIONS, INC.  
916 West Lathrop Avenue  
Savannah, Georgia 31415

**24 Hour Emergency Telephone:** (800)-424-9300 CHEMTREC  
**General Information:** (912) 236-1331

## SECTION 2- HAZARDS IDENTIFICATION

**GHS Classification:** Not a hazardous substance or mixture.

[ Health ]  
None

[ Environmental ]  
None

[ Physical ]  
None

**GHS Label elements, including precautionary statements:**  
Not a hazardous substance or mixture.

**Pictograms** None

**Signal Word:** None

**Hazard statement(s)**

**Precautionary statement(s)**

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS Number	%WT
Sodium sulfite	7757-83-7	100

## SECTION 4 - FIRST AID MEASURES

### FIRST AID PROCEDURES:

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

**Skin Contact:** Wash with soap and water. Get medical attention/advice.

**Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Get medical attention/advice.

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention/advice.

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## SECTION 5 · FIRE FIGHTING MEASURES

**Suitable Extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Hazardous combustion products:** Oxides of sodium and sulfur.

**Fire Fighting Procedures:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Unusual Fire and Explosion Hazards:** This material is solid and not expected to be a fire or explosion risk.

## SECTION 6 · ACCIDENTAL RELEASE and DISPOSAL MEASURES

**Small Spill:** Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

**Large Spill:** Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

## SECTION 7 · STORAGE AND HANDLING

**Handling:** Provide appropriate exhaust ventilation at places where dust is formed. Use good hygiene practices after handling. Material is hygroscopic exercise caution.

**Storage:** Keep container tightly closed in a dry and well-ventilated place. Do not store near acids. Keep away from incompatibles such as oxidizing agents, combustible materials, organic materials, acids,

## SECTION 8 · EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Engineering Controls:** Provide explosion-proof ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below.

**Exposure Limits:** Sodium sulfate Contains no substances with occupational exposure limit values.

### Personal Protective Equipment (PPE):

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

**Skin:** If prolonged or repeated skin contact is likely, wear appropriate protective gloves.

**Clothing:** Selection of protective clothing depends on work conditions, potential exposure conditions and may include gloves, boots, suits and other protective items.

**Respirators:** Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

**Other Equipment:** Eye wash station and shower in close proximity to use are advised.

## SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

**Flash Point:** Not applicable

**Autoignition Temperature:** No available data

**Boiling Point:** No available data

**Melting/Freezing Point:** 932 °F

**Vapor Pressure:** No available data

**Vapor Density (Air-1):** No available data

**Odor/Appearance:** White or tan granular solid with no odor.

**Flammability Limits:** Not applicable

**Relative Density:** 2.63

**Volatile %:** No available data

**Evaporation Rate (Water=1):** No available data

**pH:** 9.0 - 10.5 at 126 g/l

**Solubility in Water:** Soluble

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## SECTION 10 - STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal use and temperature conditions.  
**Conditions to Avoid:** Excess dust generation, incompatible materials.  
**Materials to Avoid:** Acids, Strong oxidizing agents  
**Decomposition Products:** When combusted, oxides of sodium and sulphur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Signs and Symptoms of Overexposure:

**Skin:** Contact can cause redness and irritation.

**Eyes:** Causes eye irritation and may cause chemical conjunctivitis.

**Inhalation:** Breathing the dust of this material causes upper respiratory tract and mucous membrane irritation.

**Ingestion:** If swallowed this material may cause gastrointestinal tract irritation with abdominal pain, nausea, vomiting And diarrhea.

### Acute oral toxicity:

LD50 rat: 3,560 mg/kg

### Acute inhalation toxicity:

LD50 rat: No published data

### Acute dermal toxicity:

LD50 rabbit: > 5,500 mg/m<sup>3</sup>

## SECTION 12 - ECOLOGICAL INFORMATION

**Aquatic Toxicity:** Toxicity to fish LC50 - *Gambusia affinis* (Mosquito fish) - 660 mg/l - 96 h

**Bio-accumulative potential:** This material is not expected to bioaccumulate.

**Mobility:** No available published data.

## SECTION 13 - DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## SECTION 14 - TRANSPORTATION

### U.S. DEPARTMENT OF TRANSPORTATION (Road or Rail):

**Proper Shipping Name:** Not A DOT Regulated Material

**Hazard Class:**

**UN Number:**

**Packaging Group:**

**Marine Pollutant:**

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## SECTION 15 - REGULATORY INFORMATION

### US FEDERAL REGULATIONS

#### **Comprehensive Environmental Response and Liability Act (CERCLA)**

This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

**SARA Section 302:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**Toxic Substance Control Act (TSCA):** All components of this product are listed on the TSCA inventory list.

#### **SARA Section 311/312 (40 CFR 370) Hazard Categories:**

No SARA hazards.

**SARA Section 313 (40 CFR 372) Hazard Categories:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Water Act:** None of the chemicals in this product are listed as Hazardous Substances under the CWA

**Clean Air Act:** None of the chemicals in this product are listed as Hazardous Substances under the CCA.

**California Prop 65:** This product does not contain any chemicals known by the State of California to cause cancer, birth defects or other reproductive harm.

## SECTION 16 - OTHER INFORMATION

**MSDS Revision Date:** January 2015

**National Fire Protection Association (NFPA) Ratings:** This information is intended solely for the use of individuals trained in the NFPA system.

**Health:** 1

**Flammability:** 0

**Reactivity:** 0

The information above is believed to be accurate and represents the best information currently available to us. However, Colonial Chemical Solutions makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Colonial be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Colonial has been advised of the possibility of such damages. The vendor assumes no responsibility for injury or damages resulting from the inappropriate alteration or manipulation of this MSDS and its contents from that originally submitted by Colonial.