

# SAFETY DATA SHEET



Colonial Chemical Solutions, Inc.

## SECTION 1 - COMPANY AND PRODUCT IDENTIFICATION

### PRODUCT

**Product Name:** SODIUM LAURYL SULFATE  
**Control Number:** 00053  
**Product Description:** Sulfate 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:

#### [ Health ]

Skin irritation Category 2  
Serious eye damage Category 1

#### [ Environmental ]

Acute Aquatic Toxicity Category 3

#### [ Physical ]

### GHS Label elements, including precautionary statements

### Pictograms



**Signal Word:** Danger

### Hazard statement(s)

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H402 Harmful to aquatic life.

### Precautionary statement(s)

P264 Wash skin thoroughly after handling.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ eye protection/ face protection.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or doctor/ physician.  
P321 Specific treatment (see supplemental first aid instructions on this label).  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS Number	%WT
Sodium lauryl sulfate, solution	151-21-3	28-30

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## SECTION 4 - FIRST AID MEASURES

### FIRST AID PROCEDURES:

**Eye Contact:** Flush eyes with plenty of water for at least 15 minutes. Seek medical attention.

**Skin Contact:** Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation develops.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms appear.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention if symptoms appear.

## SECTION 5 - FIRE FIGHTING MEASURES

**Suitable Extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

**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:** Containers can build up pressure if exposed to heat and/or fire. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire.

## SECTION 6 - ACCIDENTAL RELEASE and DISPOSAL MEASURES

**Spills:** Provide adequate ventilation. Evacuate all non-essential personnel from the spill area. Suitable protective clothing should be worn. Shut off or plug source of spill. Small spills: absorb on inert media and collect into suitable container.

**Large Spills:** Dike spill area to contain spillage. Salvage as much re-useable liquid as possible into a suitable container. Mop up residual and place in container for disposal according to local regulations

## SECTION 7 - STORAGE AND HANDLING

**Handling:** Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Keep container closed and tightly sealed when not in use. Avoid contact with skin and eyes.

**Storage:** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Engineering Controls:** Use explosion-proof ventilation equipment. Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below. The level of protection and types of controls will vary depending upon potential exposure conditions.

**Exposure Limits:** Sodium lauryl sulfate ACGIH: not listed OSHA: not listed

### 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.

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## SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

**Flash Point:** 392 °F  
**Autoignition Temperature:** 729 °F  
**Boiling Point:** > 212 °F  
**Melting Point/Freezing Point:** no data available  
**Vapor Pressure:** no data available  
**Vapor Density (Air-1):** >1  
**Odor/Appearance:** Clear colorless liquid with mild odor.

**Flammability Limits:** not applicable  
**Specific Gravity:** 1.01  
**Volatile %:** no data available  
**Evaporation Rate (Water=1):** no data available  
**pH:** 7-8.5  
**Solubility in Water:** Miscible

## SECTION 10 - STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal use and temperature conditions.  
**Conditions to Avoid:** Keep away from heat, flame and other potential ignition sources.  
**Incompatible Materials:** Strong oxidizing agents, Strong reducing agents, Strong bases  
**Hazardous Polymerization:** Will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Signs and Symptoms of Overexposure:

**Skin:** Contact can cause redness and irritation. Severity depends on the amount and duration of exposure.

**Eyes:** Liquid contact will cause stinging and tearing.

**Inhalation:** Excessive inhalation of high concentrations may be harmful. Mist or vapor can irritate the throat and lungs. Breathing this material may cause central nervous system depression.

**Ingestion:** If swallowed this material may irritate the mucous membranes of the mouth throat and esophagus. Aspiration of this material into the lungs may result in damage or death.

### Acute oral toxicity:

Sodium Lauryl Sulfate: LD50 rat: 1288 mg/kg

### Acute inhalation toxicity:

No data available

### Acute dermal toxicity:

No data available

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecological impact** has not been determined.

**Bio-accumulative potential:** This product is readily biodegradable.

**Mobility:** Accidental spillage may lead to penetration in the soil.

## 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 Regulated DOT Material

**Hazard Class:**

**UN Number:**

**Packaging Group:**

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## SECTION 15 - REGULATORY INFORMATION

### US FEDERAL REGULATIONS

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

**SARA 302:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material has not been established.

**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:

Acute Health Hazard

#### 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:** This product contains no chemicals that are listed under the CWA.

**Clean Air Act:** This product contains no chemicals that are listed under the CAA.

**California Prop 65:** This product contains no chemicals known by the State of California to cause cancer, birth defects or other reproductive harm.

## SECTION 16 - OTHER INFORMATION

**MSDS Revision Date:** September 2014

**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.