

MATERIAL SAFETY DATA SHEET

UNITED SALT CORPORATION
4800 SAN FELIPE
HOUSTON, TEXAS 77056

Date: January 1, 2015

U.S. DEPARTMENT OF LABOR, Occupational Safety and Health Administration Form Approved OMB No. 1218-0072, may be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

SECTION I

PRODUCT IDENTITY (As used on label and list)

SALT, SODIUM CHLORIDE

CAS #7647-14-5

Emergency Telephone Number: (713) 877-2600

Telephone Number For Information: (713) 877-2600

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specify Identity; Common Name(s)) OSHA PEL ACGIH TLV OTHER LIMITS RECOMMENDED % (Optional)

Sodium Chloride (NaCl) is not considered a hazardous chemical as USC interprets the OSHA Hazard Communication Standard 29 CFR 1910.1200. The information on this form has been prepared with reasonable care. USC extends no warranties, makes no representations and assumes no responsibilities as to the accuracy or suitability of such information for application to purchaser's intended purposes of or consequences of its use.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 1413^o

Vapor Pressure (mm Hg.): 1 MM @ 855^o

Vapor Density (AIR = 1): N/A

Solubility in Water: Appreciable (26.43% by weight at 20^oC)

Appearance and Odor: White, Crystalline, Odorless Solid

Specific Gravity (H₂O = 1): 2.165

Melting Point: 800^oC

Evaporation Rate (Butyl Acetate = 1): N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A

Flammable Limits: LEL N/A UEL N/A

Extinguishing Media: Material is non-flammable. Use media appropriate for surrounding materials.

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

USC MSDS Sodium Chloride CAS # 7647-14-5 Page 2

SECTION V - REACTIVITY DATA

Stability: **Unstable** **Conditions to Avoid:** None
 Stable X

Incompatibility (Materials to Avoid): Bromine Trifluoride, Lithium
Hazardous Decomposition or Byproducts: When heated to decomposition (above 1413°C) may emit toxic fumes of Na₂O and Cl₂

Hazardous **May Occur** **Conditions to Avoid:**
Polymerization: **Will Not Occur** X

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: **Eye?** Yes **Inhalation?** Yes **Skin?** Yes **Ingestion?** Yes

Health Hazards (Acute and Chronic): Acute effects may include nausea, dryness of nasal mucous membranes, dryness of skin, redness of eyes. No harmful effects of chronic exposure.

Carcinogenicity: No **NTP?** No **IARC Monographs?** No **OSHA Regulated?** No

Signs and Symptoms of Exposure: Listed Above

Medical Conditions Generally Aggravated by Exposure: No Information

Emergency and First Aid Procedures: Ingestion: Drink large amounts of water; Inhalation: Remove to fresh air; Skin Contact: Wash with soap and water; Eye Contact: Flush with water for 15 minutes. Get medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled: No special requirements - Check your state for reportable quantity requirements.

Waste Disposal Method: Dispose of in accordance to local state and federal regulations.

Precautions to Be Taken in Handling and Storing: Transport in dry equipment. Store in dry location.

Other Procedures: None

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type): None required - Nuisance dust mask for personal comfort.

Ventilation: **Local Exhaust** **Satisfactory** **Special:**
Mechanical **Other:**

Protective Gloves: Work gloves

Eye Protection: Goggles

Other Protective Clothing or Equipment: None required

Work/Hygienic Practices: