



MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- **Product name:** **SODIUM CHLORIDE**
- **Manufacturer:** Deep South Chemical, Inc.
229 Millstone Road
Broussard, LA 70518 (337) 837-9931
- **For Emergency : Call CHEMTREC 1-800-424-9300**
Outside the U.S.A. (703)-527-3887
- **Chemical Family:** SALT
- **Contact Person:** Glenn Ray
- **Formula:** NaCl
- **MSDS Revised:** January 1, 2014

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>CAS Number</u>	<u>%</u>	<u>PEL(OSHA)</u>		<u>TLV(ACGIH)</u>		<u>IDLH</u>
			<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>	
Sodium Chloride	7647-14-5	99-100	N/E	N/E	N/E	N/E	N/E

SECTION 3. HAZARDS IDENTIFICATION, INCLUDING EMERGENCY OVERVIEW

Effects of overexposure

Inhalation: This product may cause irritation to nose, throat, and respiratory tract

Skin Contact: This product may cause irritation to the skin.

Eye Contact: Irritation to eyes.

Ingestion: There may be irritation of the mouth, throat, and digestive tract.

SECTION 4. FIRST AID MEASURES

Eyes: Move victim away from exposure and into fresh air. If irritation persists, seek medical attention. For direct exposure, flush with clean water for 15 minutes. Hold eyelids apart to ensure flushing of the entire eye surface.

Inhalation: Move victim away from source of exposure and into fresh air. If irritation persists, seek medical attention. If victim is not breathing, artificial respiration should be administered.

Skin: Remove contaminated clothes. Cleanse affected area thoroughly with soap and water. If irritation persists, seek medical attention. Wash contaminated clothing.

Ingestion: Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Fire fighting measures

Extinguishing Media: Use water fog.

Decomposition/Combustion Products: No Data

Explosive Properties:

LEL: N/D

UEL: N/D

SECTION 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled: Use proper personal protective equipment. Stay upwind from spill. For small dry spills, carefully scoop material into suitable containers for later disposal. Vacuuming (with appropriate filter) or wet mopping may minimize dust dispersion. For small solution spills, take up with earth, sand, vermiculite, or other absorbent, noncombustible material. For large spills, dike far ahead of liquid spills for later disposal.

Waste disposal method: Dispose of according to local, state and federal regulations in an approved disposal facility or recycling facility.

SECTION 7. HANDLING AND STORAGE

Storage: Store in a well-ventilated area. Keep container tightly closed when not in use. Store in cool, dry area.

Handling: Use proper personal protective equipment. Avoid contact with skin or eyes. Handle in well-ventilated workspace. When handling do not eat, drink, or smoke.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: Keep work area well ventilated.

Protective clothing: Impermeable gloves and impervious clothing as appropriate.

Eye protection: Chemical goggles where splashing may occur.

Respiratory Protection: Use appropriate respiratory protection when handling or in case of insufficient ventilation.

Special Protection: Safety shower, eye bath, and washing facilities should be available.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Specific gravity @ 68°F(H₂O = 1): 2.163

Flash Point (PMCC Method)(°F): N/A

Vapor density (Air = 1): N/A

Solubility: 36g/100ml of water

Vapor pressure @ 320°F: 1.0mmHg @ 1589°F

Evaporation Rate: N/A

Appearance: White Crystals

Odor: None

Boiling Point (°F): 2575

Melting Point (°F): 1474

Viscosity: N/D

pH: 6.7-7.3 (aqueous solution)

Auto-ignition: N/D

SECTION 10. STABILITY AND REACTIVITY

Stability and Reactivity: Stable in normal conditions.

Incompatible Materials: Lithium, bromine trifluoride.

Hazardous Decomposition Products: When heated to above 801C (1474°F) it emits toxic fumes of chloride and sodium oxide.

Hazardous Polymerization: None described.

SECTION 11. TOXICOLOGICAL INFORMATION

Oral rat LD50: 3000 mg/kg.

Inhalation rat LC50: > 42 gm/m³ /1H.

Skin rabbit LD50: > 10 gm/kg. Investigated as a mutagen, reproductive effector.



SECTION 12. ECOLOGICAL INFORMATION

Environmental Fate: No information found.
Environmental Toxicity: No information found.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal: If spilled, dispose according to local, state, and federal regulations. Recycle waste containers and clean out residues.

SECTION 14. TRANSPORT INFORMATION

DOT Transport Information: Non-Regulated

SECTION 15. REGULATORY INFORMATION

Toxic Substances Control Act (TCSA): All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

CERCLA RQ-40 CFR 302.4(a)

<u>Component</u>	<u>CERCLA RQ(lbs.)</u>
None	

SARA 302 Components-40 CFR 355 Appendix A

None

Section 311/312 Hazard Class-40 CFR 370.2

- Immediate (X)
- Delayed ()
- Fire ()
- Reactive ()
- Sudden Release of Pressure ()

SARA 313-40 CFR 372.65

<u>Component</u>	<u>CAS Number</u>	<u>%</u>
None		

SECTION 16. OTHER INFORMATION

NFPA RATING: Health (1) Fire (0) Reactivity (0)

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N/D= No data; N/A = Not available; N/E= Not established