

**SECTION I -- PRODUCT INFORMATION**

**PRODUCT NAME:** Sodium Chloride  
**SHIPPING NAME:** Not regulated  
**CHEMICAL NAME & SYNONYMS:** Sodium Chloride (NaCl), Salt, Rock Salt,  
**PREPARATION DATE:** September 2009

**SECTION II -- COMPOSITION**

<u>Chemical Identity</u>	<u>CAS #</u>	<u>% by Weight</u>	<u>ACGIH (TLV)</u>	<u>LD50(mg/kg)</u>
Sodium Chloride	7647-14-5	90-100	10 mg/m3	3500 (oral, rat)

**SECTION III -- HAZARDOUS INGREDIENTS**

- Sodium Chloride is not classified as a hazardous material by the criteria of the OSHA Hazard Communication Standard 29 CFR 1910.1200.
- FDA GRAS LIST; Permitted in Food.
- Does not contain toxic chemicals subject to SARA TITLE III SECTION 313 reporting.
- DOT HAZARD -- Non Hazardous.

**SECTION IV -- PHYSICAL DATA**

**MELTING POINT:** 801° C  
**BOILING POINT:** 1413° C  
**VAPOR PRESSURE:** 1 mm @ 865° C  
**%NON-VOLATILES (VOL.):** 100  
**SOLUBILITY (H2O):** 36 g/100g H2O @ 20° C  
**SPECIFIC GRAVITY (H2O=1):** 2.16  
**EVAPORATION RATE (ETHER=1):** Not applicable  
**VAPOR DENSITY (AIR=1):** Not applicable  
**ODOR:** None  
**APPEARANCE:** White crystalline solid

**SECTION V -- FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** Not applicable  
**FLAMMABLE LIMITS:** Not applicable  
**EXTINGUISHING MEDIA:** Non-combustible  
**FIRE & EXPLOSION HAZARDS:** None  
**FIRE FIGHTING EQUIPMENT:** Wear positive pressure, self-contained breathing apparatus

## SECTION VI -- REACTIVITY DATA

**STABILITY:** Stable

**INCOMPATIBILITY:** Lithium, bromine, trifluoride, strong acids & strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** When heated to temperatures above 801°C, may emit toxic fumes of chlorine and sodium oxides.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## SECTION VII -- HEALTH HAZARD DATA

**EYE:** May cause mild to moderate temporary irritation.

**SKIN:** Contact with abraded skin may cause a mild irritation or rash.

**INHALATION:** Dust may cause nose, throat and respiratory tract irritation.

**INGESTION:** Less than a few grams would not be harmful but large doses may cause vomiting.

**CARCINOGENICITY:** Not hazardous.

**REPRODUCTIVE TOXICITY/TERATOGENICITY:** No data available.

## SECTION VIII -- FIRST AID

**EYES:** Flush with water for 15 minutes. If irritation persists, call a physician.

**SKIN:** Wash with soap and water. Call a physician if irritation develops.

**INHALATION:** Not a normal route of entry.

**INGESTION:** Ingesting large volumes may cause vomiting. Rinse mouth with water. If vomiting occurs naturally, have Victim lean forward to reduce risk of aspiration. Call a physician.

## SECTION IX -- PREVENTATIVE MEASURES

**VENTILATION:** If desired due to dust.

**RESPIRATORY PROTECTION:** Dust mask not needed but may be used for comfort.

**SKIN PROTECTION:** Work gloves desirable but not required.

**EYE PROTECTION:** Safety glasses if risk of eye contact.

**SPILL OR LEAK:** Use broom or dry vacuum to collect material for proper disposal. Rinse area with water.

**WASTE DISPOSAL:** Review federal, state provincial and local governmental requirements prior to disposal. Keep out of drinking water sources.

**STORAGE:** Store in a dry area. Keep container tightly closed. Do not get in eyes, on skin or clothing. Keep away from incompatible materials.

	HMIS	NFPA		HMIS	NFPA
			4	Severe	Extreme
Health	0	0	3	Serious	High
Flammability	0	0	2	Moderate	Moderate
Reactivity	0	0	1	Slight	Slight
PPE	A		0	Minimal	Insignificant

A = Safety Glasses

Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. The information provided in this Material Safety Data Sheet represents data from the manufacturer and/or vendor and is accurate to the best of our knowledge. By providing this information, Kissner Salts & Chemicals makes no guarantee or warranty, expressed or implied, concerning the safe use, storage, handling, precautions, and/or disposal of the products covered or the accuracy of the information contained in this fact sheet. It is the responsibility of the user to comply with local, state, and federal laws and regulations concerning the safe use, storage, handling, precautions, and/or disposal of products covered in this fact sheet.