



**Product name:** Sodium Chloride

**Chemical Name & Synonyms:** Sodium Chloride, NaCl, Salt, Rock Salt

**COMPOSITION / INFORMATION ON INGREDIENTS.**

Chemical Identity	CAS #	% by Weight	ACGIH (TLV)	LD50(mg/kg)
Sodium Chloride	7647-14-5	90-100	10 mg/m <sup>3</sup> 3500	(oral, rat)

**MELTING POINT:** 801° C  
**BOILING POINT:** 1413° C  
**VAPOR PRESSURE:** 1 mm @ 865° C  
**%NON-VOLATILES (VOL.):** 100  
**SOLUBILITY (H<sub>2</sub>O):** 36 g/100g H<sub>2</sub>O @ 20° C  
**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 2.16  
**EVAPORATION RATE (ETHER=1):** Not applicable  
**VAPOR DENSITY (AIR=1):** Not applicable  
**ODOR:** None  
**APPEARANCE:** White crystalline solid

**HAZARDS IDENTIFICATION:**

**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.

**FIRST-AID MEASURES:**

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

**HEALTH HAZARD DATA:**

**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.

**Important Note:** The information contained in this document is given in good faith and is to the best of suppliers Knowledge correct at the date of publication, but it is for the users to satisfy themselves of the suitability of the product for their purpose.



**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.

### 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.

### HANDLING & STORAGE.

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, Flat Rock Bagging 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.

HMIS	NFPA
4 Severe	Extreme
3 Serious	High
2 Moderate	Moderate
1 Slight	Slight
0 Minimal	insignificant

A=Safety Glasses

	HMIS	NFPA
Health	0	0
Flammability	0	0
Reactivity	0	0
PPE	A	

**Important Note:** The information contained in this document is given in good faith and is to the best of suppliers Knowledge correct at the date of publication, but it is for the users to satisfy themselves of the suitability of the product for their purpose.