

Scotwood Industries, Inc.

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MATERIAL SAFETY DATA SHEET

SECTION I -- PRODUCT INFORMATION

PRODUCT NAME: Sodium Chloride
SHIPPING NAME: Not regulated
CHEMICAL NAME & SYNONYMS: Sodium Chloride (NaCl), Salt, Commercial Rock Salt, Road Runner Rock Salt
PREPARATION DATE: January 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/m ³	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
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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
Health	0	0
Flammability	0	0
Reactivity	0	0
PPE	A	

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

A Safety glasses

Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. This information herein is given in good faith, but no warranty of any kind is expressed or implied. Consult Scotwood Industries, Inc. for further information. This MSDS meets the requirements specified in 29CFR 1910.1200. Customers are responsible for compliance with local, state and federal regulations that may be pertinent in the storage, application and disposal of this product.