

Safety Data Sheet

A. GENERAL INFORMATION

TRADE NAME (COMMON NAME): SALT, ROCK SALT, HALITE		CAS NUMBER: 7647-14-5 (anhydrous), 7440-70-2 (anhydrous)	
CHEMICAL NAME AND/OR SYNONYM: SODIUM CHLORIDE, CALCIUM CHLORIDE			
FORMULA: NaCl, 95.0 –97.0%, CaCl ₂ , 3.0 – 5.0%		MOLECULAR WEIGHT: 58.4428, 110.98	
MANUFACTURER/ADDRESS: Somavrac c.c. 3450, boul. Gene-H-Kruger. C.P. 294 Trois Rivieres, QC G9A 5G1			
CONTACT: Manager, Quality/Safety and Training	PHONE NUMBER: 819-379-4927	LAST ISSUE DATE: NA	CURRENT ISSUE DATE: July, 2019

B. FIRST AID MEASURES

		EMERGENCY PHONE NUMBER: (819) 379-4927
EYES:	Flush promptly with plenty of water, continuing for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.	
SKIN:	Flush with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.	
INHALATION:	Remove to fresh air.	
INGESTION:	If conscious and alert, give 2 to 4 glasses of water. Get medical aid.	

C. HAZARDS INFORMATION

INHALATION:	Inhalation or dust may cause mild irritation to mucous membranes, nose and throat. Symptoms may include coughing, dryness and sore throat.	
INGESTION:	Very large doses can cause vomiting, diarrhea, and prostration.	
SKIN:	Not expected to be a health hazard.	
EYES:	In case of eye contact, may cause irritation	
PERMISSIBLE CONCENTRATION: AIR	NA	BIOLOGICAL None
UNUSUAL CHRONIC TOXICITY:	None.	

C. HAZARDS (Cont.)

FLASH POINT: Not flammable OPEN CUP <input type="checkbox"/> CLOSED CUP <input type="checkbox"/>	AUTO IGNITION TEMPERATURE NA	FLAMMABLE LIMITS IN AIR (% BY VOL.) LOWER - NA UPPER - NA
UNUSUAL FIRE AND EXPLOSION HAZARDS NA		

D. PRECAUTIONS/PROCEDURES

FIRE EXTINGUISHING AGENTS RECOMMENDED: Use extinguishing media appropriate for surrounding fire.	
FIRE EXTINGUISHING AGENTS TO AVOID: None identified	
SPECIAL FIREFIGHTING PRECAUTIONS: None identified	
VENTILATION: None identified	
NORMAL HANDLING: Avoid contact with eyes, skin or clothing. Use good personal hygiene and housekeeping.	
STORAGE: Keep container tightly closed. Suitable for any general chemical storage area.	
SPILL OR LEAK Wear suitable protective clothing. Carefully sweep up and remove.	
SPECIAL: PRECAUTIONS/PROCEDURES/LABEL INSTRUCTIONS: None	SIGNAL WORD

E. PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: None required where adequate ventilation conditions exist. If airborne concentration is high, use an appropriate respirator or dust mask.
EYES AND FACE: Safety goggles
HANDS, ARMS, AND BODY: Proper gloves are recommended
OTHER CLOTHING AND EQUIPMENT:

F. PHYSICAL DATA

MATERIAL IS AT NORMAL CONDITIONS: LIQUID <input type="checkbox"/> SOLID <input checked="" type="checkbox"/> GAS <input type="checkbox"/>		APPEARANCE AND COLOR: Blue pellets	
BOILING POINT: 1413°C	SPECIFIC GRAVITY: (H ₂ O = 1) 23% NaCl 1.180 @ 60° F 24% NaCl 1.189 25% NaCl 1.197	VAPOR DENSITY: (AIR = 1) Not applicable	
MELTING POINT: 801°C	pH: 5.5 – 9.0	VAPOR PRESSURE: (mm Hg @ 20°C) <input checked="" type="checkbox"/> (PSIG) <input type="checkbox"/> 1 mm Hg @ 865 C	
SOLUBILITY IN WATER: (% BY WEIGHT) 36g/100cc water @ 20°C (68F)	% VOLATILES BY VOLUME: (AT 20°C) NA		
EVAPORATION RATE: (Butyl acetate=1) <input type="checkbox"/> (Ether = 1.0) <input type="checkbox"/> NA			

G. REACTIVITY DATA

STABILITY: UNSTABLE <input type="checkbox"/> STABLE <input checked="" type="checkbox"/>	CONDITIONS TO AVOID: NA
INCOMPATIBILITY (MATERIALS TO AVOID): Stable and inert under normal conditions. Will react with strong acids (to generate HCl) and strong oxidizing agents (to generate Cl ₂)	
HAZARDOUS DECOMPOSITION PRODUCTS: None	
HAZARDOUS POLYMERIZATION: MAY OCCUR <input type="checkbox"/> WILL NOT OCCUR <input checked="" type="checkbox"/>	OTHER PRECAUTIONS:

H. HAZARDOUS INGREDIENTS (MIXTURES ONLY)

This is not a hazardous or controlled product as defined under Canada's WHMIS regulations.
This is not a hazardous or controlled product as defined under Canada's Hazardous Products Act and Controlled Products Regulations.
All ingredients are found in Canada's Domestic Substances List.
This product is not hazardous as defined by Canada's Transportation of Dangerous Goods Act.
This product is regarded as GRAS (generally recognized as safe) by the U.S. Food & Drug Administration.
No occupational exposure limits have been established by OSHA, ACGIH or NIOSH for this product

NFPA RATINGS (Scale 0-4): Health=1 Fire=0 Reactivity=0

I. TOXICOLOGICAL PROPERTIES

DEGRADABILITY/TOXICITY:

LD50 / LC50: Oral, mouse: LD50 = 4 gm/kg; rat: LD50 = 3 gm/kg(RTECS, 1986)

DERMAL TOXICITY

Skin irritant rabbit: 511mg/24 hr. Mild (RTECS, 1986)

EYE: Eye irritation rabbit: 100mg/24hr. Moderate (RTECS, 1986)

INHALATION: No information found**CHRONIC TOXICITY:** No information found**MUTAGENESIS:** Mutation references cited (RTECS, 1986)**ACUTE SYSTEMIC EFFECTS:** Dehydration and congestion may occur in internal organs. Hypertonic salt solutions can produce inflammatory reactions in the gastrointestinal tract.

NA

EPA HAZARDOUS SUBSTANCE?

(CLEAN WATER ACT SECT. 311)

YES NO

IF SO, REPORTABLE QUANTITY:

WASTE DISPOSAL METHODS (DISPOSER MUST COMPLY WITH FEDERAL, STATE AND LOCAL DISPOSAL OR DISCHARGE LAWS):

Treatment or disposal of waste generated by use of this product should be reviewed in terms of applicable federal, provincial/state and local laws and regulations. Users are advised to consult with appropriate regulatory agencies before discharge, treatment or disposal.

RCRA STATUS OF UNUSED MATERIAL IF DISCARDED:

Not a "hazardous waste".

HAZARDOUS WASTE NUMBER: (IF APPLICABLE)

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J. REFERENCES

PERMISSIBLE CONCENTRATIONS REFERENCES:

None.

REGULATORY STANDARDS**DOT CLASSIFICATION:**

Not regulated

None.

GENERAL:

K. ADDITIONAL INFORMATION

None

MRDC-NA1

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