



SAFETY DATA SHEET

Section 1: Product Identification

Product Name:	Solar Salt
Chemical Name:	Sodium Chloride
Synonyms:	Halite; Sea Salt; Rock Salt; Table Salt; Highway Salt Code 5024
Product Use:	Food, Chemical & Drug Processing; Pharmaceuticals; Water Conditioning; Ice Control
Supplier's Details:	The Cope Company Salt 549 W. Roseville Rd. Lancaster, PA 17601
Phone Number:	(717) 390-8580
Emergency Contact:	1-877-575-COPE

Section 2: Hazard Identification

Classification(GHS):	Not Classified
GHS Labelling:	No Labelling applicable
Percentage:	Not Applicable
Other Hazards:	Exposure may aggravate those with pre-existing eye, skin, or Respiratory conditions.

Section 3: Composition/Information On Ingredients

Ingredients:	Sodium Chloride
Percentage:	>99%
CAS. NO.:	7647-14-5
Classification:	Not Classified

Section 4: First-Aid Measures

Skin and Eye	Flush with water
Ingestion	High fluid intake facilitates urinary excretion and relief of edema and temporary elevated blood pressure

Section 5: Fire-Fighting Measures

Flash Point:	None
Fire Hazard:	Not considered flammable but may burn at high temperatures
Explosion Hazard:	Product is not explosive
Special Fire Fighting Procedures:	None/Not Combustible

Section 6: Accidental Release Measures

Non-hazardous. Sweep up and flush with water

Section 7: Handling And Storage

Store under DRY (less than 75% R.H) conditions to prevent CAKING of salt. Store on pallets Under protective cover. Do Not store cases/bags directly on damp or concrete floors. Avoid PRESSURE PACKING/CAKING of bags by stacking pallets no greater than 3 high.

Section 8: Exposure Controls/Personal Protection

Ventilation:	Local exhaust not necessary. Mechanical control dust collection may be used.
Personal Protective Equipment:	Eye goggles and gloves optional and respirator unnecessary, but all may be used for comfort.
Medical Conditions Aggravated by Exposure:	Not available

**Effects of Overdose or
Overexposure:**

No acute systemic, chronic systemic or chronic local toxicity. In sensitive persons some dermal or eye irritation effects, or after excessive ingestion, edema and/or temporary elevated blood pressure effects. Gavage ingestion of 15-50 g may induce vomiting resulting in partial vacating of stomach contents.

Section 9: Physical And Chemical Properties

Appearance/Physical State:	Solid white or off-white crystalline material, odorless
Vapour Pressure:	0.1KPa (1mm Hg@ 865°C)
Vapour Density (Air=1.0)	Not available
Evaporation Rate	Not available
Solubility in Water (g/100cc)	36 @ 20°C
Specific Gravity (gm/cc, Water = 1.0)	2.17
% Volatile by Volume	Not available
Boiling Point (°C) @ 760mm	1465

Section 10: Stability And Reactivity

Chemical Stability:	Stable
Conditions to Avoid:	Concentrated acids such as sulfuric or nitric
Hazardous Polymerization:	None, will not occur
Hazardous Decomposition Products:	Hydrochloric acid from above acid mixtures with salt

Section 11: Toxicological Information

Acute Toxicity:	Not classified
Respiratory or Skin Sensitization:	Not classified
Germ Cell Mutagenicity:	Not classified
Carcinogenicity:	Not classified
Specific Target Organ Toxicity (Repeated Exposure):	Not classified
Reproductive Toxicity:	Not classified
Specific Target Organ Toxicity (Single Exposure):	Not classified
Aspiration Hazard:	Not classified

Information on Toxicological Effects- Ingredient(s)

Sodium chloride (7647-14-5) LD50 Oral Rat 3 g/kg
LC50 Inhalation Rat > 42 g/m³ (Exposure time: 1 h)

Section 12: Ecological Information

Toxicity No additional information available

Sodium chloride (7647-14-5)

LC50 Fish 1	5560(5560-6080) mg/l (Exposure time: 96 h – Species: Lepomis macrochirus {flow-through})
EC50 Daphnia 1	1000 mg/l (Exposure time: 48 h – Species: Daphnia magna)
LC 50 Fish 2	12946 mg/l (Exposure time: 96 h – Species: Lepomis macrochirus {static})
EC50 Daphnia 2	340.7 (340.7-469.2) mg/l (Exposure time: 48 h – Species: Daphnia magna {static})

Persistence and degradability Not available

Bio accumulative potential

Sodium chloride (7647-14-5)	BCF Fish 1	(no bioaccumulation)
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Mobility in Soil Not available

Other Information Avoid release to the environment

Section 13: Disposal Considerations

Waste Disposal Dry to land fill or dissolve in sufficient amounts of water to meet local
Recommendations: water quality standards

Section 14: Transport Information

In Accordance with DOT Not regulated for transport

Section 15: Regulatory Information

US Federal Regulations

Sodium chloride (7647-14-5) Act)	Listed on the United States TSCA (Toxic Substances Control inventory
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This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

Section 16: Other Information

Effective Date:

May 11, 2015

Version:

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Contact:

info@copecompany.com

The information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to review this information, satisfy themselves as to its suitability and completeness and pass on the information to its employees or customers. The Cope Company Salt does not accept responsibility for any loss or damage, which may occur from the use of this information.