



# SAFETY DATA SHEET

## Section 1: Product Identification

<b>Product Name:</b>	<b>Sodium Chloride Food – Industrial (Untreated)</b>
<b>Chemical Name:</b>	
<b>Synonyms:</b>	Sea Salt Topping * <b>Pretzel M Salt</b> . * Pretzel I Salt. * Alberger® Coarse Topping Salt. * Alberger® Flake Salt. * Alberger® Special Flake Salt. * Alberger® Fine Flake Salt. * U.S.P. Grade Sodium Chloride. * CMF® Granulated Salt, Food Grade Salt Bricks. * Food Grade Salt Bricks. * Hi-Grade® Plus Granulated Salt. * Hi-Grade® Granulated Salt. * Fine Blending Granulated Salt - Untreated. * Natural Fine Blending Sea Salt. * Sea Salt Extra Coarse Topping. * Sea Salt Coarse Topping. * Sea Salt Tablets. * Plain Salt Tablets. * Sodium Chloride (Salt). * North Pacific Boat and Shore® Salt. * Sea Salt Grinder. * <b>Purified Sea Salt – Untreated</b> . * Brinemaker's Select™ Medium and Extra Coarse.
<b>Product Use:</b>	Salt may be intended for food or animal feed (agricultural) as well as several industrial applications including deicing and water conditioning.
<b>Supplier's Details:</b>	<b>Cargill Incorporated</b> <b>Minneapolis, MN 55440</b>
<b>Phone Number:</b>	1-888-385-7258
<b>Emergency Contact:</b>	<b>CHEMTREC (800) 424-9300</b>

## Section 2: Hazard Identification

<b>Classification(GHS):</b>	Not classified
<b>GHS Labelling:</b>	Not classified
<b>Percentage:</b>	Not classified
<b>Other Hazards:</b>	Not classified



## Section 3: Composition/Information On Ingredients

<b>Ingredients &amp; Percentage:</b>	Sodium Chloride – 100%
<b>CAS. NO.:</b>	Sodium Chloride - 7647-14-5
<b>Classification:</b>	Generally recognized as safe substance

## Section 4: First-Aid Measures

<b>Inhalation:</b>	If dust from the material is inhaled, remove the affected person immediately to fresh air. Call a physician if symptoms develop or persist.
<b>Skin and Eye:</b>	Flush with water
<b>Ingestion:</b>	Give one or two glasses of water if patient is alert and able to swallow. Get medical attention if symptoms occur.

## Section 5: Fire-Fighting Measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing Media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Use water spray to cool unopened containers.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	This product is not flammable or combustible.



## Section 6: Accidental Release Measures

**Non-hazardous:** If sweeping of a contaminated area is necessary use a dust suppressant agent which does not react with the product. Collect dust using a vacuum cleaner equipped with HEPA filter. Minimize dust generation and accumulation. Avoid release to the environment. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

## Section 7: Handling And Storage

Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Becomes hygroscopic at 70-75% relative humidity. Avoid humid or wet conditions as product will cake and become hard.

## Section 8: Exposure Controls/Personal Protection

**Ventilation:** Ventilation should be sufficient to effectively remove and prevent buildup of any dusts or fumes that may be generated during handling or thermal processing.

**Personal Protective Equipment:**

Unvented, tight fitting goggles should be worn in dusty areas. Wear appropriate chemical resistant gloves. Wear suitable protective clothing. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

## Section 9: Physical And Chemical Properties

<b>Appearance/Physical State:</b>	White crystalline solid
<b>Vapour Pressure:</b>	2.4 mm Hg (1376.6 °F (747 °C))
<b>Vapour Density (Air=1.0)</b>	Not available



<b>Evaporation Rate</b>	Not available
<b>Solubility in Water (g/100cc)</b>	26.4 %
<b>Relative Density (gm/cc, Water = 1.0)</b>	2.16
<b>% Volatile by Volume</b>	
<b>Melting Point(°C)</b>	1473.8°F (801 °C)
<b>Boiling Point (°C) @ 760mm</b>	2669 °F (1465 °C) (760 mmHg)

## Section 10: Stability And Reactivity

<b>Chemical Stability:</b>	Material is stable under normal conditions
<b>Conditions to Avoid:</b>	Contact with incompatible materials. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).
<b>Incompatible Materials:</b>	Avoid contact with strong acids. Becomes corrosive to metals when wet.
<b>Hazardous Decomposition Products:</b>	May evolve chlorine gas when in contact with strong acids

## Section 11: Toxicological Information

<b>Acute Toxicity:</b>	In some cases of confirmed hypertension, ingestion may result in elevated blood pressure
<b>Respiratory or Skin Sensitization:</b>	Prolonged contact may cause irritation
<b>Germ Cell Mutagenicity:</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic
<b>Carcinogenicity:</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA
<b>Specific Target Organ Toxicity (Repeated Exposure):</b>	Not classified
<b>Reproductive Toxicity:</b>	This product is not expected to cause reproductive or developmental effects
<b>Specific Target Organ Toxicity (Single Exposure):</b>	Not classified



**Aspiration Hazard:** Due to the physical form of the product it is not an aspiration hazard

## Section 12: Ecological Information

<b>Toxicity</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>LC50 Fish 1</b>	5560(5560-6080) mg/l (Exposure time: 96 h – Species: Lepomis macrochirus {flow-through})
<b>EC50 Daphnia 1</b>	1000 mg/l (Exposure time: 48 h – Species: Daphnia magna)
<b>LC 50 Fish 2</b>	12946 mg/l (Exposure time: 96 h – Species: Lepomis)
<b>Persistence and degradability</b>	No data is available on the degradability of this product
<b>Bio accumulative potential</b>	No data available
<b>Mobility in Soil</b>	No data available

## Section 13: Disposal Considerations

**Waste Disposal Recommendations:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Local disposal regulations Dispose in accordance with all applicable regulations.

## Section 14: Transport Information

**In Accordance with DOT** Not regulated as dangerous goods

## Section 15: Regulatory Information

### US Federal Regulations

All components are on the U.S. EPA TSCA Inventory List. This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.



**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:** April 17, 2015

**Version:** 2

**Contact:**

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