

# Solar Salt Powder



## Product Description

### Solar Salt Powder

This product is a fine screened, sodium chloride salt crystallized by solar evaporation. The crystallized salt is washed to remove surface impurities, drained of excess moisture, dried, and screened to size.

This material contains no anticaking or free-flowing additives or conditioners.

This product is not approved for human or animal consumption and is intended for use only in chemical or industrial applications.

## Product Application

This material is intended for a variety of industrial uses. This product is recommended for brine making, where a rapidly dissolving salt is needed and can be used to strengthen brine or improve brine strength consistency.

## Caking Resistance

Caking Resistance: Caking resistance varies depending on crystal size, additives and storage conditions. End use application should be considered when determining acceptable product life in regards to caking resistance. This product has an estimated caking resistance of 1-2 years. To improve caking resistance, this product should be stored in a dry, covered area at humidity below 75%.

## Methods of Analysis

Methods of analysis are based on ASTM E 534, AWWA B200 and Cargill internal methods.

## Producing Locations

This product is shipped from Cargill Salt Baltimore, MD and Tampa, FL. Product of Bonaire, Netherlands and Mexico.

## Physical Information

### Chemical Analysis

PHYSICAL	TYPICAL
NaCl - Dry (%) CAS No. 7647-14-5	99.0
Sulfate (as SO <sub>4</sub> )	0.6
Total Ca and Mg (as Ca)	0.3

### Sieve Analysis

PERCENT PARTICLE SIZE DISTRIBUTION (SCREENS)	OPENING INCHES	OPENING MICRONS	% RETAINED TYPICAL
Sieve - USS 70 Mesh Retained	0.0083	210	25
Sieve - USS 100 Mesh Retained	0.0059	150	25
Sieve - USS 140 Mesh Retained	0.0041	105	20
Sieve - USS 200 Mesh Retained	0.0029	75	25
Sieve - Retained on Pan	-	-	5

### Bulk Density

PARAMETER	TYPICAL
Pounds per Cubic Foot	50-65
Grams per Liter	800-1040

## Product Configuration

PRODUCT NAME	SAP DESCRIPTION	SAP NUMBER
Solar Salt Powder		
2000 lb Tote no liner	PWDR NAF 2000LB MB N/L	100011175

## Why Cargill?

- Salt products are an integral part of Cargill – one of the world's largest food ingredient providers and a recognized leader in the food processing industry.
- Our products go well beyond standard and high purity salt: Our Alberger® brand, Microsized®, Premier™, CMF®, sea salts, and our sodium reduction solutions such as Potassium Pro® and FlakeSelect®, make up the most extensive product line in the industry.
- We offer full EDI capabilities for customers who need to exchange information via Electronic Data Interchange and the only online ordering portal in the industry, [www.cargillsaltstore.com](http://www.cargillsaltstore.com).
- Cargill's nationwide distribution capabilities, combined with the best logistics and customer service specialists in the business, ensure that you get the right salt at the right time.

[www.cargillsaltstore.com](http://www.cargillsaltstore.com)

Customer Service: (800) 377-1017

All specifications are approximate. Please contact your broker or Cargill representative for exact specifications.

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