

Sodium Chloride Brine - Treated



Product Description and Application

Sodium Chloride Brine - Treated

This product is a fully saturated brine, varying slightly in composition dependent upon mineral inclusions. The brine is obtained from underground domal salt deposits by deep well solution mining. It is subjected to chemical treatment with soda ash and caustic soda to remove calcium and magnesium impurities, resulting in a very high purity brine. The brine exhibits extremely low hardness and suspended solids.

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

This product is intended for a variety of industrial uses including:

- Chlor-alkali industry
- Oil field drilling and oil well completion

The low levels of calcium and magnesium prevent swelling of clays and the low level of water insoluble reduces plugging, both of which can damage sensitive formations.

To avoid salt recrystallization, do not subject this product to temperatures lower than that of the brine at the time of loading without adding additional water. This product contains no additives.

Methods of Analysis

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

Producing Locations

This product is produced at Cargill Salt, Breaux Bridge, LA. Product of the USA.

Physical Information

Chemical Analysis

PHYSICAL	TYPICAL
Water %	74
Sodium Chloride CAS No. 7647-14-5 %	26
Hardness (ppm)	40
Calcium (as Ca) (ppm)	15
Magnesium (as Mg) (ppm)	1
Sulfates (as SO ₄) (ppm)	2250
Water Insolubles (ppm)	25 max.
pH	6.5 – 8.5

Physical Analysis

ATTRIBUTE	UNITS	TYPICAL
Saturation	Degrees Salometer	100
Weight per gallon	Lbs.	10
Specific Gravity (60° F)	g/cc	1.2

Product Configuration

PRODUCT NAME	SAP DESCRIPTION	SAP NUMBER
Sodium Chloride Brine - Treated		
Bulk Liquid	SOD CHL BRINE TREATED BULK	100012341

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.
- 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

Customer Service: (800) 377-1017

CONTACT

Cargill Salt
 P.O. Box 5621
 Minneapolis, MN 55440
 Phone: 888-385-SALT (7258)
www.cargill.com/salt

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