



CHEMICAL EQUIPMENT LABS, INC.

IMPORT EXPORT SPECIALISTS

SALT ❄️ ICE MELT ❄️ WATER TREATMENT SPECIALIST

DESCRIPTION:

Chemical Equipment Solar Salt is screened, sodium chloride salt crystallized by solar evaporation. The crystalline salt is washed to remove surface impurities, drained of excess moisture, dried and screened to size.

COMPLIANCE:

Chemical Equipment Solar Salt is acceptable for regeneration of water softener ion exchange resins (P1) by NSF Registration Guideline for Proprietary Substances and Nonfood Compounds (2004). The NSF Nonfood Registration Program is a continuation of the USDA product approval listings, which is based on meeting regulatory requirements for appropriate use, ingredients, and labeling. This product also meets the AWWA Standard for Sodium Chloride B200. This product is not recommended for direct addition to food products.

ADDITIVES:

Chemical Equipment Solar Salt contains no anti-caking or free-flowing additives or conditioners.

APPLICATIONS:

Chemical Equipment Solar Salt is primarily intended for use in regenerating water softener ion-exchange resin in both household and commercial water softeners, and can be used effectively in most water softening units. It has also found application in hide curing and snow and ice removal.

PACKING AND STORAGE:

To improve caking resistance, the product should be stored in a dry, covered area at humidity below 75%.

METHODS OF ANALYSIS:

Methods of analysis are taken from ASTM E 534-98, AWWA B200-03.

CHEMICAL ANALYSIS:

Components	Min %	Typical %	Max %
Sodium Chloride (Dry basis)	99.50	-	-
Moisture	-	.005	.001
Insoluble	-	0.010-0.020	0.030
Calcium	-	0.050-0.080	0.100
Magnesium	-	0.010-0.025	0.040
Sulfate	-	0.130- 0.250	0.300

SIEVE ANALYSIS:

Standard Sieve		Typical Range Percentage Cumulative	
ASTM	(mm)	Min	Max
½"	12.70	0.0	24.0
3/8"	9.52	3.0	45.0
¼"	6.35	16.0	67.0
4	4.76	38.0	85.0
7	2.80	63.0	95.0
10	2.00	83.0	99.0
18	1.00	95.0	100.0

Not: Sieve analysis is reported as percent retained.

