



Superior Crystal Pool Salt

Watkins Glen, NY production

Description

Superior Crystal Pool Salt is a cubic crystalline Sodium Chloride of variable particle size distribution. This salt is obtained from underground salt deposits by deep well solution mining. Subsequent evaporation of this brine by the vacuum pan system, under stringent process control, provides the highest purity and minimal insoluble extraneous matter for salt which contains no additives.

Approved Use

Superior Crystal Pool Salt is intended for direct application to pool water for use with salt water chlorinators. Follow your chlorinator manufacturer's directions for the best method of salt application. Each pound of salt will increase the salt level by 12 ppm per 10,000 gallons of water.

Availability

Superior Crystal Pool Salt is available in 40 lb. poly bags, 63 bags per pallet.

Storage

To retard caking, Superior Crystal Pool Salt should be stored in a dry, covered area at relative humidities below 75%. Cycling salt through the 75% relative humidity zone will rapidly increase the onset of caking.

Technical Information

For further product information, contact Technical Manager, U S Salt LLC, PO Box 110, Salt Point Road, Watkins Glen, NY 14891, by phone 607-535-2721 or FAX 607-535-2911.

Customer Service

For order, pricing, delivery or other service information, contact one of the following Customer Service Offices:

Toll Free 1+888-USA-SALT (872-7258)
Eastern Sales 814-861-4149

Ingredients: Salt

Product Data

US SALT LLC Watkins Glen, NY 14891

PD 5010

05/2007

Properties

Chemical

Component ¹	Units	Typical / Range		
		Min ²	Typical	Max ²
Sodium Chloride ³	%	98.79	99.85	-
Surface Moisture	%	-	0.01	0.02
CaCl ₂ & MgCl ₂	%	-	0.01	0.02
CaSO ₄	%	-	0.13	0.19
Calcium ⁴	%	-	0.04	-
Sulfate ⁴	%	-	0.09	-
Magnesium ⁴	ppm	-	14	-
Water Insolubles	ppm	-	10	50
Copper	ppm	-	0.7	-
Iron	ppm	-	0.5	-

Guaranteed Analysis

Heavy Metals (As Lead)	2 ppm (maximum)
Arsenic	1 ppm (maximum)

Physical

Sieve Analysis ¹				
USS Mesh	Opening Microns	Percent Retained		
		Min ²	Typical	Max ²
30	600	0	2	6
40	425	-	48	-
50	300	-	41	-
70	212	-	8	-
pan	-	0	1	5

Other Physical and Functional

Parameter ¹	Units	Typical or Range		
		Min ²	Typical	Max ²
Bulk Density	lb/cu ft	73	76	80
Solubility Rate	minutes	-	6.5	-
Caking Resistance ⁵	months	-	2	-
Flowability	gm/sec	-	35.7	-
Extraneous Matter ⁶ (7CFR 2858.2728)		-	<#1	#1

(1)Analytical methods available on request. (2)Based on +/- 2 standard deviations (3)By difference of impurities, moisture free basis. (4)Water soluble (5)From date of manufacture, at storage below 75% relative humidity. (6)Based on USDA milk filter pad test adapted for 250 gm salt/liter (with water).