



Superior Crystal Pool Salt

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.

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.

Storage/Stability

Superior Crystal Pool Salt is chemically stable indefinitely. To retard caking, it 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. Shelf life is indicative of caking resistance only.



Certified to
NSF/ANSI 60

Product Data

US SALT LLC 3580 Salt Point Rd., Watkins Glen, NY 14891

PD 5010
01/2023

Properties

Chemical

Component ¹	Units	Typical / Range		
		Min ²	Typical	Max ²
Sodium Chloride ³	%	99.66	99.81	-
Surface Moisture	%	-	0.01	0.02
CaCl ₂ & MgCl ₂	%	-	0.04	0.08
CaSO ₄	%	-	0.15	0.26
Calcium ⁴	%	-	0.04	-
Sulfate ⁴	%	-	0.13	-
Magnesium ⁴	ppm	-	327	-
Water Insolubles	ppm	-	15	39
Copper	ppm	-	< 0.2	-
Iron (Free)	ppm	-	0.5	-
Iron (Complexed) ⁵	ppm	-	1.5	2.5

Typical Analysis

Sodium Ferrocyanide	3 – 13 ppm
Heavy Metals (As Lead)	≤ 2 ppm
Arsenic	≤ 1 ppm

Physical

Sieve Analysis ¹				
USS Mesh	Opening Microns	Percent Retained		
		Min ²	Typical	Max ²
30	600	0	4	10
40	425	-	37	-
50	300	-	41	-
70	212	-	14	-
pan	-	0	4	8

Other Physical and Functional

Parameter ¹	Units	Typical or Range		
		Min ²	Typical ¹	Max ²
Bulk Density	lb/cu ft	75	79	83
Shelf Life ⁶	months	-	60	-

(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 Yellow Prussiate of Soda – 18% Fe. (6)From date of manufacture, at storage below 75% relative humidity, as caking resistance.

Availability

Superior Crystal Pool Salt is available in 40 lb. poly bags.

Size	Code
40 lb.	4006***

Packaging

Unit Dimensions		
Net Wt. (lb)	L x W x H (in)	Cube (ft ³)
40		

Palletized (Including standard 48"x40" wood pallet)				
Tiers	Bag/ Tiers	Bags/ Pallet	Cube (ft ³)	Gross Wt. (lb)
9	7	63		2600

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)

Graphics

