



Superior TX-10[®] Iodized Salt
Watkins Glen, NY production

Description

Superior TX-10[®] Iodized Salt is a food grade, 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. The food grade free flow agent, Sodium Silicoaluminate(FIBC only) and/or food grade anticaking agent, Yellow Prussiate of Soda, are added in accordance with 21CFR 182.2727 and 172.490 respectively. When this salt is incorporated into a food product, the additives are considered incidental, non-functional and exempt from label declaration under 21CFR 101.100(a)(3).

Potassium Iodide is added as a nutritional source of Iodide and Dextrose, as a stabilizer. Superior TX-10[®] Iodized Salt is recommended for use where iodized salt is desired in formulations such as spices and seasonings, canned pet foods and snacks.

Approved Use

Superior TX-10[®] Iodized Salt is generally recognized as safe (GRAS) for use in foods and meets Food Chemicals Codex standards for Sodium Chloride. It is acceptable for direct use in meat products under USDA/MIS standards and is annually kosher certified as OU.

Availability

Superior TX-10[®] Iodized Salt is available in 50 lb., net weight, multiwall, polylined, kraft paper bags and up to 2400 lb. net weight, one way FIBC bags.

Storage

To retard caking, Superior TX-10[®] Iodized 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, Sodium Silicoaluminate (FIBC only), Dextrose, Potassium Iodide, Sodium Bicarbonate and Yellow Prussiate of Soda.

Product Data

US SALT LLC Watkins Glen, NY 14891

PD 5008
01/2007

Properties

Chemical

Component ¹	Units	Typical / Range		
		Min ²	Typical	Max ²
Sodium Chloride ³	%	99.79	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	-
Sodium Silicoaluminate (FIBC Only)	%	0.05	0.10	0.16
Dextrose	%	-	0.014	-
Magnesium ⁴	ppm	-	14	-
Water Insolubles ⁶	ppm	-	10	50
Copper	ppm	-	0.7	-
Iron (Free)	ppm	-	0.5	-
Iron (Complexed) ⁵	ppm	-	1.5	2.5

Guaranteed Analysis

Potassium Iodide	0.006% - 0.01%
Yellow Prussiate of Soda	13 ppm (maximum)
Heavy Metals (As Lead)	2 ppm (maximum)
Arsenic	1 ppm (maximum)

Physical

Sieve Analysis ^{1,6}				
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
Caking Resistance ⁷	months	-	6	-
Flowability	gm/sec	-	35.7	-
Extraneous Matter ⁸ (7CFR 2858.2728)		-	<#1	#1

(1)Analytical methods available on request. (2)Based on +/- standard deviations (3)By difference of impurities, moisture free basis, before additions. (4)Water soluble (5)From Yellow Prussiate of Soda – 18% Fe. (6) Before additions (7)From date of manufacture, at storage below 75% relative humidity. (8)Based on USDA milk filter pad test adapted for 250 gm salt/liter (with water).