



## Superior TX-10<sup>®</sup> Salt

Watkins Glen, NY production

### Description

Superior TX-10<sup>®</sup> 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 anticaking agent, Yellow Prussiate of Soda, is added in accordance with 21CFR 172.490. When this salt is incorporated into a food product, the additive is considered incidental, non-functional and exempt from label declaration under 21CFR 101.100(a)(3). Superior TX-10<sup>®</sup> Salt is recommended for use in a variety of food processing applications, including baking, seasonings and prepared mixes. Superior TX-10<sup>®</sup> Salt can also be used in non-food applications such as a carrier or as chemical and bulking agents in many household and personal care products.

### Approved Use

Superior TX-10<sup>®</sup> 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 OUP for Passover and the year round.

### Availability

Superior TX-10<sup>®</sup> Salt is available in 50 lb., 80 lb., 20 kg (44.1 lb.), and 40 kg (88.2 lb.) net weight, multiwall, polylined, kraft paper bags, up to 2400 lb. net weight, one way FIBC bags and bulk.

### Storage

To retard caking, Superior TX-10<sup>®</sup> 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, Yellow Prussiate of Soda

# Product Data

US SALT LLC Watkins Glen, NY 14891

PD 5004

01/2007

### Properties

#### Chemical

Component <sup>1</sup>	Units	Typical / Range		
		Min <sup>2</sup>	Typical	Max <sup>2</sup>
Sodium Chloride <sup>3</sup>	%	98.79	99.85	-
Surface Moisture	%	-	0.01	0.02
CaCl <sub>2</sub> & MgCl <sub>2</sub>	%	-	0.01	0.02
CaSO <sub>4</sub>	%	-	0.13	0.19
Calcium <sup>4</sup>	%	-	0.04	-
Sulfate <sup>4</sup>	%	-	0.09	-
Magnesium <sup>4</sup>	ppm	-	14	-
Water Insolubles	ppm	-	10	50
Copper	ppm	-	0.7	-
Iron (Free)	ppm	-	0.5	-
Iron (Complexed) <sup>5</sup>	ppm	-	1.5	2.5

#### Guaranteed Analysis

Yellow Prussiate of Soda	13 ppm (maximum)
Heavy Metals (As Lead)	2 ppm (maximum)
Arsenic	1 ppm (maximum)

#### Physical

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

#### Other Physical and Functional

Parameter <sup>1</sup>	Units	Typical or Range		
		Min <sup>2</sup>	Typical	Max <sup>2</sup>
Bulk Density	lb/cu ft	73	76	80
Solubility Rate	minutes	-	6.5	-
Caking Resistance <sup>6</sup>	months	-	6	-
Flowability	gm/sec	-	35.7	-
Extraneous Matter <sup>7</sup> (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, before additions. (4)Water soluble (5)From Yellow Prussiate of Soda – 18% Fe. (6)From date of manufacture, at storage below 75% relative humidity. (7)Based on USDA milk filter pad test adapted for 250 gm salt/liter (with water).