

Windsor Salt

Hi Grade Granulated and Hi Grade Granulated Untreated Salt Windsor, Ontario Production

PDS IV-02b
12/02



Description

Windsor Hi Grade Granulated Untreated Salt is food grade, screened granulated sodium chloride produced in the vacuum pan evaporating system from raw, untreated brine. The salt crystals are cubic in structure. There are no additives.

Windsor Hi Grade Granulated Salt is prepared by treating the screened, vacuum pan salt with a minute concentration of Yellow Prussiate of Soda, a water soluble anticaking agent used in accordance with Canada Food and Drug Regulations Division 17. Yellow Prussiate of Soda is an incidental non-functional additive and is exempt from label declaration on foods incorporating the salt.

Chemical Properties

	Typical	Range
¹ Sodium Chloride (%)	99.83	99.71 - 99.90
Calcium Sulfate (%)	0.16	0.09 - 0.23
Calcium Chloride (%)	0.01	< 0.03
Magnesium Chloride (%)	Tr	< 0.01
Calcium and Magnesium as Calcium (mg/kg)	505	<825
⁴ Moisture (%)	0.01	< 0.02
Water Insolubles (mg/kg)	3	< 40
APHA Pad	0.1	< 0.26
Copper (mg/kg)	0.1	< 0.4
Iron (mg/kg)		
Free	1.0	0.7 - 1.3
² Complexed	1.2	< 2.3
³ Yellow Prussiate of Soda (mg/kg)	6	< 13

¹By difference of impurities, moisture-free basis (ASTM).

²Contributed by Yellow Prussiate of Soda (18%).

³Used only in Hi Grade Granulated Salt only.

⁴Prior to additives.

Producing Plants

Windsor, ON

For data concerning production at other plants refer to:
Pugwash, NS: PDS IV 02(a); Regina, SK: PDS IV 02(c);
Lindbergh, AB: PDS IV 02(d).

Nutrient Content (100g)

Ash (g)	>99.9	Magnesium (mg)	2
Calcium (mg)	50	Potassium (mg)	10
Chloride (g)	60.5	Sodium (g)	39.2
Iodine (µg)	<100		

Product Codes

Hi Grade	Commodity Codes	UPC
20 kg bags	0908	0 66010 00908 2
40 kg bags	0909	0 66010 00909 9
1 tonne tote bags	2806	-
Bulk	2006	-
Hi Grade 40 kg bags	0907	0 66010 00907 5

Untreated Packaging

20 kg net weight, 6 mil polyethylene bags.
40 kg net weight, multiwall, polyethylene lined kraft paper bags.

Unit Dimensions			
Net Wt (kg)	Gross Wt (kg)	L x W x H (cm)	Cube (m ³)
20	20.1	49.5 x 33 x 10	0.016
40	40.4	58 x 40.5 x 14	0.033
Palletized*			
Size	Units per Pallet	Cube (m ³)	Gross Wt** (kg)
20 kg	63	1.4	1306
40 kg	30	1.3	1252

* Includes 122 cm x 102 cm standard wood pallet.

** Add 11 kg for CHEP pallet.

Physical Properties

Pour (loose) bulk density is 1164 - 1230 kg/m³ (72 - 77 lb/ft³).

This product receives 12-14 mesh screening to remove oversized particles.

Sieve Analysis†

U.S.S. Sieve	Opening Microns*	Percent Retained**	
		Typical	Range
20	850	Tr	< 1
30	600	2	< 7
40	425	43	> 87
50	300	47	
60	250	7	
70	212	-	< 6
Pan	-	1	

* 10,000 Microns (micrometers, µm) per centimeter, 25,000 Microns per inch.

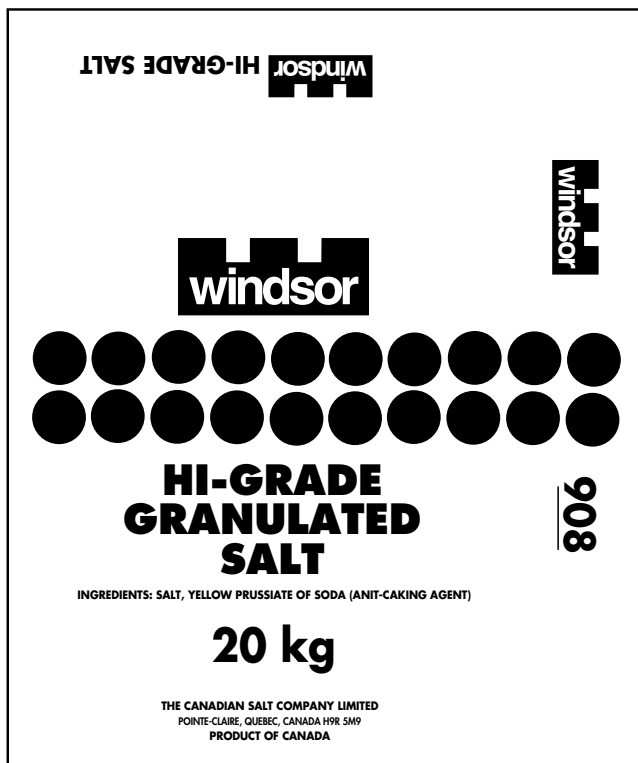
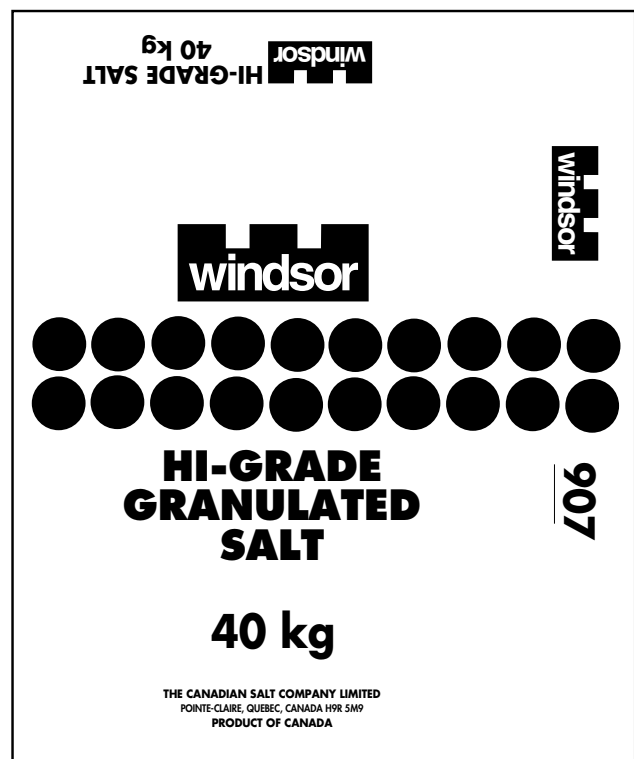
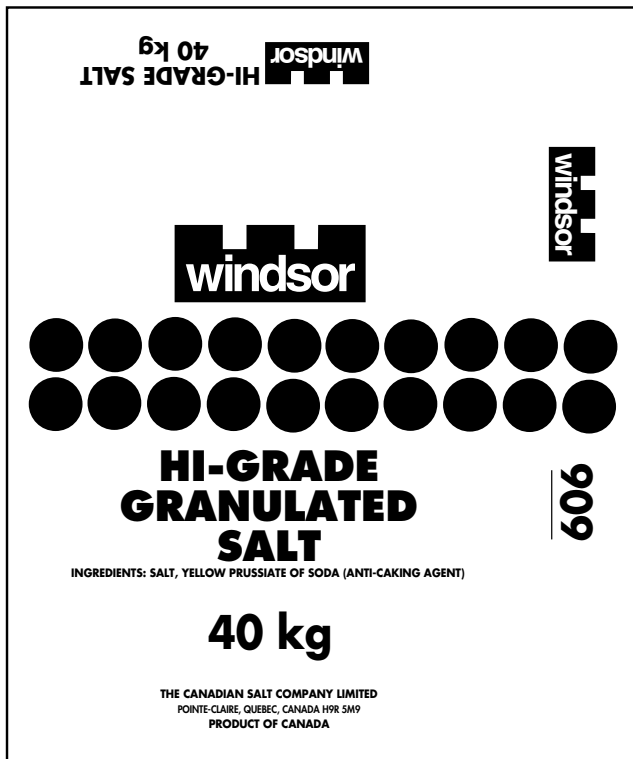
** On individual screens.

† Mechanical

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