



SPECIFICATIONS

FOOD SALT

Chemical Name: Sodium Chloride

Molecular Weight: 58.45 g/mol

Description: White, granular, crystalline product

Chemical Name: NaCl

Certification: Kosher and Halal

Chemical Composition

COMPONENTS	Description	Specification	Typical
NaCl	% m/m	≥ 99.0	99.55
Moisture	% m/m	< 0.15	0.05
Insoluble	mg/kg	< 150	100
Sulfate	mg/kg	< 3000	2250
Potassium Iodate, KIO ₃	mg/kg	≤ 100	-
Calcium	mg/kg	< 1200	900
Magnesium	mg/kg	< 300	250
Potassium	mg/kg	< 150	70
Cadmium	mg/kg	< 0.01	< 0.007
Copper	mg/kg	< 0.2	< 0.16
Lead	mg/kg	< 0.05	< 0.01
Mercury	mg/kg	< 0.05	< 0.002
Iron	mg/kg	< 10	< 8.07
Aluminum	mg/kg	< 10	6.76
Zinc	mg/kg	< 5	< 4.12
Antimony	mg/kg	< 5	< 2.94
Nickel	mg/kg	< 0.2	< 0.111
Selenium	mg/kg	< 50	39.95
Cobalt	mg/kg	< 0.05	< 0.033



Properties

Bulk Density: 1.2 t/mc

Solubility in Water (20°C): 360 g/l

Physical Properties

Typical Range - Percentage Cumulative				
<u>Product</u>	<u>Description</u>			
1	mm	< 0.930 : 99 %	< 0.600 : 60 %	< 0.220 : 7 %
2	mm	< 1.350 : 95 %	< 0.930 : 5 %	< 0.220 : 0 %
3	mm	< 1.970 : 95 %	< 1.350 : 10 %	< 0.930 : 0 %
4	mm	< 3.170 : 95 %	< 1.970 : 25 %	< 1.350 : 0 %

Product 1 grain size: 0.00 - 0.90 mm

Product 2 grain size: 0.90 - 1.35 mm

Product 3 grain size: 1.35 - 2.00 mm

Product 4 grain size: 2.00 - 3.00 mm

Industries and Usage

- Food Grade Table Salt - with or without iodine
- Bread and Patisseries
- Fisheries (keeping fish fresh during deliveries)
- Paste Production
- Chips Production
- Bath Salt
- Leather Production
- Cheese Production
- Pool Salt
- Drilling Salt
- Meat Processing
- Nut and Seed Industry
- Product 3 and 4 can be used for Water Treatment and Water Softening instead of Regeneration (Tablet) Salt

Tuesday, June 14, 2016

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