

PRODUCT DATA SHEET – Sodium Sulfate Anhydrous, FCC

PRODUCT

132301

SYNONYMS

Disodium Sulfate, Saltcake, Bisodium Sulphate, Disodium Monosulphate, Dibasic Sodium Sulfate

PRODUCT DESCRIPTION

Sodium Sulfate Anhydrous is a crystalline solid white granular powder. It is a high-quality, natural Sodium Sulfate produced from raw salt (Glauber's salt) from a natural alkali lake deposit.

PACKAGING AND SHIPPING

Available in 50 lb Bags

CERTIFICATIONS

Meets FCC and Kosher requirements.

CHEMICAL ANALYSIS

<i>Chemical Analysis</i>	<i>Typical</i>
Appearance	White Granular Powder
Specific Gravity	2.7
Melting Point	882°C
pH of Solution	6.06 @ 1% by weight
Bulk Density	87.25 lb/cu.ft Free Flow
Solubility @ 20°C	15.9% by weight
Reflectance	89.6 avg ASTM E 97
Angle of Repose	32°
Sodium Sulphate (Na ₂ SO ₄)	99.32%
Calcium Sulphate (CaSO ₄)	0.06%
Magnesium Sulphate (MgSO ₄)	0.35%
Sodium Carbonate (Na ₂ CO ₃)	0.00%
Sodium Bicarbonate (NaHCO ₃)	0.04%
Sodium Chloride (NaCl)	0.22%
Water Insolubles	0.01%

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CHEMICAL ANALYSIS

Average Screen Analysis: U.S. Screen Sieve Size	Percent of Total
+ 20	0.3%
-20 + 40	1.3%
-40 + 60	7.8%
-60 + 100	32.1%
-100 + 200	45.0%
-200	13.5%
Trace Constituents	Concentrations (ppm or ug/g)
Aluminum, Al	1.6 Total
Antimony, Sb	< 0.2 Total
Arsenic, As	< 0.5 Total
Boron, B	1.5 Total
Bromide, Br	< 5 Total
Cadmium, Cd	< 0.001 INSOLS
Cadmium, Cd	< 0.001 SOLUBLE
Chromium, Cr	0.13 INSOLS
Chromium, Cr	0.003 SOLUBLE
Cobalt, Co	< 0.001 INSOLS
Cobalt, Co	0.003 SOLUBLE
Copper, Cu	< 0.001 INSOLS
Copper, Cu	0.006 SOLUBLE
Iron, Fe	1.53 INSOLS
Iron, Fe	0.079 SOLUBLE
Lead, Pb	0.004 INSOLS
Lead, Pb	0.006 SOLUBLE
Manganese, Mn	0.2 Total
Mercury, Hg	< 0.002 Total
Nickel, Ni	0.021 INSOLS
Nickel, Ni	0.066 SOLUBLE
Phosphorus, P	2 Total
Platinum, Pt	< 0.2 Total
Potassium, K	150
Selenium, Se	< 0.5 Total
Silicon, Si	4 INSOLS
Tellurium, Te	< 0.5 Total
Zinc, Zn	0.005 INSOLS
Zinc, Zn	0.094 SOLUBLE