

SODIUM SULPHATE ANHYDROUS PRODUCT DATA

Sodium sulfate is an inorganic sodium salt. Sodium Sulfate Anhydrous is the anhydrous, sodium salt form of sulfuric acid. Sodium sulfate anhydrous disassociates in water to provide sodium ions and sulfate ions.

AVERAGE CHEMICAL ANALYSIS:

Sodium Sulphate	*Na ₂ SO ₄	99.32%
Calcium Sulphate	CaSO ₄	0.06%
Magnesium Sulphate	MgSO ₄	0.34%
Sodium Carbonate	Na ₂ CO ₃	0.00%
Sodium Bicarbonate	NaHCO ₃	0.04%
Sodium Chloride	NaCl	0.23%
Water Insolubles		0.01%

*Minimum 99.0% by Difference

PHYSICAL DATA:

Appearance	White Granular Powder
Specific Gravity	2.7
Melting Point	882°C
pH of Solution	6.25 @ 1% by weight 6.80 @ 5% by weight 7.52 @ 10% by weight
Bulk Density	88.35 lb/cu.ft Free Flow
Solubility @ 20°C	15.9% by weight
Reflectance	91.2 avg ASTM E 97
Angle of Repose	32°

AVERAGE SCREEN ANALYSIS:

US Screen Size	Percent of Total	Percent Cumulative
+20	0.2%	0.2%
-20 +40	0.9%	1.1%
-40 +60	7.5%	8.6%
-60 +100	31.7%	40.3%
-110 +200	46.5%	86.8%
-200	13.2%	100.0%

MATERIAL DATA:

Chemical Name	Anhydrous Sodium Sulphate
Chemical Formula	Na ₂ SO ₄
Molecular Weight	142.04
CAS Number	7757-82-6

MIXING/HANDLING:

Refer to SDS

PACKAGING:

Packaging is available in 22.68 kg bags, 40 bags per pallet. Palletized, and stretch-wrapped.

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