



EPOCH MASTER GLOBAL BUSINESS(JIANGSU)INC.

RM.3-93,TENGFEI BUILDING,NO.88 JIANGMIAO RD., RESEARCH AND INNOVATION PARK,
NANJING ZONE,(JIANGSU) PILOT FREE TRADE ZONE ,CHINA.

Sodium Sulphate

CAS No 7757-82-6 (SSA) Sodium Sulphate Anhydrous

Chemical name:Sodium Sulphate Anhydrous

Synonymous:Sodium Sulfate, SSA

Sales Models:Wholesale

Reference FOB Price:US \$50-110 / Ton

Min Order:20mt

Port:Tianjin, China

Samples:US \$ 100/Piece

Payment Terms:L/C, T/T, Paypal

- Model:SSA
- Brand:RAWCHEM
- Code:22009
- CAS No.:7757-82-6
- Molecular weight:142.04
- Molecular formula:Na₂SO₄
- EINECS:231-820-9
- H.S.Code:28331100
- Melting point:884 °C
- Boiling point:1404 °C
- Density:2.68 g/m³
- Shelf life:24 months

Product Description

Product Parameters

Appearance: white crystalline powder

Physical and Chemical data:

Melting Point	Boiling Point	Density
884°C	1404°C	2.68g/m ³

Other Related indexes

EINECS	RTECS	PubChem	MDL



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231-820-9	WE1650000	24852268	MFCD00003504
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Solubility: Soluble in water, glycol, not soluble in ethanol. Solubility in water is as below

Temperature (°C)	0	10	20	30	40	50	60	70	80	90	100
Solubility by (g)	4.9	9.1	19.5	40.8	48.8	46.2	45.3	44.3	43.7	42.7	42.5

Main indexes:

index	Regular SSA (Mining product)	Neutral SSA (from fiber industry)
Purity by wt %	98 min	99.0 min
pH (5% Solution at 20 °C)	9~11	6~8
Chlorides as Cl by wt %	0.7 max	0.12 max
Moisture by wt %	0.5 max	0.1 max
Fe by wt %	0.001 max	0.002 max
Water insoluble by wt %	0.1 max	0.05 max
Ca ²⁺ Mg ²⁺ by wt %	0.3 max	0.1 max

Main types:

1. **Regular SSA** (Purity 98% min, whiteness 85% min, moisture 0.5% max, pH value of 5% solution 9~11, NaCl content 0.7% max)
2. **Neutral SSA** (pH of 5% solution 6~8)
3. Big granular SSA (Particle size slightly bigger than regular SSA, but it can not be tell by naked eyes, and bulk density is also the same with regular SSA).
4. Low Chloride SSA (NaCl content 0.1% max)

Main Application

1. Stuffing agent in detergent powder
2. Paper making
3. Glass industry
4. Dye industry
5. Raw material for making Sodium Silicate



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Important Notice

1. When SSA is exposed in air, it absorbs moisture and becomes sodium sulphate decahydrate ($\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$)
2. Even SSA is tightly closed in the containers or bags, it still can cake sometimes, if it can be easily crushed into powder again, then it's called a phenomenon of fake-caking, it won't influence the quality of the material
3. If the SSA is stocked in a warehouse, then there is no need to use UV-Resistant packing which is USD1/mt higher in cost
4. We normally list 2 years as the shelf life in our COA, the real shelf life is actually much longer than 2 years if it's stocked in good condition (bags are sealed enough, away from direct sun-light, moisture and other incompatible chemical materials)