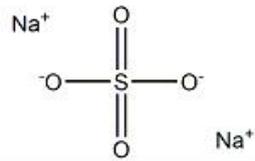




## TECHNICAL DATA SHEET

Product	Sodium sulfate
Chemical Name	Disodium monosulfate;Disodium sulfate
CAS	7757-82-6
Chemical Formula	Na <sub>2</sub> SO <sub>4</sub>
Molecular Weight	142.04214
EINECS Number	231-820-9
Molecular structure	

### SPECIFICATION :

ITEM	STANDARD LIMITS
<b>Appearance</b>	White or off white powder
<b>Melting point</b>	884°C(lit.)
<b>Boiling point</b>	1700°C
<b>Density</b>	2.68g/mL at 25°C(lit.)
<b>Solubility</b>	H <sub>2</sub> O: 1Mat 20°C. clear, colorless
<b>PH</b>	5.2-8.0 (50g/l, H <sub>2</sub> O, 20°C)
<b>Water solubility</b>	18.5 mg/L

### Packaging :

25kgs bag or pack as customer requirements.

### Application:

- 1) Sodium sulfate is an important raw material for making glass and paper. It is used most in papermaking and cellulose industry.
- 2) Sodium sulfate is a component of synthetic detergent. Adding it can reduce the surface tension and increase the solubility of detergent. It is also a diluent of dyes, an auxiliary for dyeing, printing and dyeing, a dye promoter for direct dyes, sulfur dyes, vat dyes and other cotton fibers, and a dye retarder for silk dyeing with direct dyes.
- 3) In the chemical industry, sodium sulfate is used as the raw material for manufacturing sodium sulfide, gypsum, sodium silicate and other chemical products.
- 4) Sodium sulfate cryogen is commonly used in the laboratory. In medicine, mirabilite is used as a laxative. Sodium sulfate is an antidote to barium and lead poisoning.

### Shelf Life:

2 years in original packaging containers.