



CHIN CHA-ROEN INTERCHEM CO.,LTD.

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## Material Safety Date Sheet

**Material Name: SODIUM SULPHATE ANHYDROUS**

### 1. Chemical Product and Company Identification

**Chemical Name: SODIUM SULPHATE ANHYDROUS**

**Chemical Formula: Na<sub>2</sub>SO<sub>4</sub>**

**Molecular Weight: 142.04**

**CAS NO: 7757-82-6**

**Company Information:**

China Nafine Group International Co., Ltd

**Export Office:** Rm 1206, Vanlong(Pacific)building, 78# Shi Yi Jing Road, He Dong District, Tianjin, 300171, China

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### 2. composition information

Items	Index
Na <sub>2</sub> SO <sub>4</sub> , %, ≥	99.0
Water Insolubles, %, ≤	0.05
Mg <sup>2+</sup> , %, ≤	0.15
Cl, %, ≤	0.35
Fe <sup>2+</sup> , %, ≤	0.002
Moisture, %, ≤	0.20
Whiteness, %, ≥	82

### 3. Hazards identification

**Health Effects- Acute**

**Eye contact:** Dusts may be irritating to the eyes.

**Skin contact:** Prolonged contact may be irritating. Slightly toxic by skin absorption.

**Inhalation:** No data available

**Swallowed:**

If ingested in large amounts, nausea, vomiting and diarrhea are probable.

**Health Effects-Chronic:** No significant health effects could be found.

#### 4. First Aid Measures

**Inhalation :** Not applicable

**In case of eyes or skin contact:** Wash thoroughly with running fresh water or get medical advice if irritation develops.

**In case of Swallowed:** Give several glasses of fresh water to drink to dilute. If large amounts were swallowed, get medical advice.

#### 5. Fire Fighting Measure

In case of fire, use water or other fire extinguisher as the fire fighting media. And firefighters should use protective clothing and breathing equipment appropriate for the surrounding fire.

#### 6-Accident release measure

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8.

#### 7-Handling and storage

##### HANDLING

**Handling Practices:** Use normal "good" industrial hygiene practices. Minimize air borne spreading of dust. Clean up immediately to eliminate slipping hazard. No hook used when handling. Isolate from incompatible chemical substances.

**Other Precautions:** Use only with adequate ventilation and avoid breathing dusts. Avoid contact with eyes, skin or clothing.

##### STORAGE

**Ventilation Requirement:** General exhaust is acceptable.

**Storage Requirements:** Keep in a cool, dry and ventilated place. Avoid rain and moisture contamination. Prolonged storage may result in lumping or caking. Protect from direct sunlight. Protect against physical damage.

#### 8-Exposure controls personal protection

**Engineering Controls:** General exhaust is acceptable. Local exhaust ventilation preferred.

**Eye and skin contact:** No adverse effects is expected but dust may cause irritation.

**Inhalation:** Not expected to be a health hazard.

**Swallowed:** Mildly toxic by ingestion.

#### 9-physical and chemical properties

##### Physical Properties:

**Appearance:** white fine granular or powder

**Odor:** Odorless

**Melting Point:** 844°C (1551°F)

**Bulk Density:** 1.1-1.6g / cm<sup>3</sup>

**Specific Gravity :** 2.68

##### Chemical Properties:

Extremely hygroscopic; Easily soluble in water. It can be dissolved in glycerin but insoluble in alcohol. Its accessibility makes it easily become monohydrated salt when it is exposed to the air.

### **10-stability and reactivity**

**Stability:** Stable in tightly closed containers under normal conditions of storage.

**Hazardous Polymerization:** Will not occur.

### **11-Toxicological information**

No information available for the product

### **12-Ecological information**

No information available for the product

### **13-Disposal consideration**

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility.

### **14 Transport information**

**Packing:** 25kg/50kg/1000kg net each in P.P woven bag lined with P.E bag.

The product is not regulated for shipping of IMO

### **15-Regulation information**

The product produced under the Standard of GB6009-92

### **16.Other Information**

**Label Hazard Warning:**

As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

**Label Precautions:**

None.

**Label First Aid:**

Not applicable.

**Uses:** Mainly used in detergents, paper-making, glass, dyeing, textile and porcelain industries.