

# 沈阳市三江化工有限公司

Shenyang Sanjiang Chemical Company Limited

## MATERIAL SAFETY DATA SHEET

### Section 1 Chemical Identification

**Product Name:** 1,8-Naphthalic anhydride

**Company Identification:** Shenyang Sanjiang Chemical Company Limited

**Address:** No. 52, Xihuan North Street, Puxi Street, Liaozhong District, Shenyang City, Liaoning Province

**Emergency Telephone Code:** +86 024-87806186

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### Section 2 Hazards Identification

**Hazards Identification:**

GHSClassifications:

Skin corrosion/irritation (Category 2)

Serious eye damage/irritation (Category 2A)

The hazards not mentioned are not applicable or no data available.

**Emergency Overview:**

Causes skin irritation. Causes serious eye irritation.

### Section 3 Information on Ingredients

**Product name:** 1,8-Naphthalic anhydride

Ingredient	Concentration	CAS No.	EC No.
1,8-Naphthalic anhydride	99%	81-84-5	201-380-2

### Section 4 First-aid Measures

**Skin Exposure:**

Wash off with soap and plenty of water. Consult a physician.

**Eye Exposure:**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Inhalation Exposure:**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**Oral Exposure:**

If swallowed, immediately wash out mouth with water provided person is conscious. Call a physician.

### Section 5 Fire Fighting Measures

**Extinguishing Media:**

Suitable: Water spray, Dry chemical, Carbon dioxide or appropriate foam.

**Firefighting:**

Protective Equipment: Water self-

contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## **Section 6 Accidental Release Measures**

**Procedure of Personal Precaution:** Exercise appropriate precaution to minimize direct contact with skin or eyes and prevent inhalation.

**Methods for Cleaning up:** Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete. Avoid raising dust.

**Environmental precautions:** Do not let product enter drains.

## **Section 7 Safe Handling and Use & Storage**

**Handling:** Wear appropriate protective clothing and safety gloves. Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid formation of aerosols. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: Strong oxidizing agents. No smoking at working site.

**Storage:** Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Strong oxidizing agents.

## **Section 8 Exposure Control/ Personal Protection**

### **Engineering Controls:**

Mechanical exhaust required. Safety shower and eye bath.

### **Personal protective Equipment:**

Respiratory: Government approved respirator

Eye: Chemical safety goggles.

Clothing: Wear appropriate protective clothing.

Hand: Protective gloves.

### **Other Protect:**

No smoking, drinking and eating at working site. Wash thoroughly after handling

## **Section 9 Physical/ Chemical Properties**

**Appearance:** White to yellow solid

**Odor:** Weak odor

**Flash Point:** 268°C

**Molecular Formula:** C<sub>24</sub>H<sub>14</sub>O<sub>7</sub>

**Solubility:** soluble in acetone

**Density/relative:** 1.812 g/cm<sup>3</sup>

## **Section 10 Stability and Reactivity**

### **Stability:**

Stable under normal temperature and pressures.

### **Materials to Avoid:**

Strong oxidizing agents.

### **Hazardous Polymerization:**

Will not occur

### **Hazardous Decomposition Products:**

Carbon oxides, Sulphur oxides, Sodium oxides

## **Section 11 Toxicological Information**

### **Acute toxicity:**

No data available.

**Skin corrosion/ irritation:**

Causes skin irritation.

### **Serious eye damage/ irritation:**

Causes serious eye irritation.

## **Section 12 Ecological/ Environmental Information**

**Toxicity:**

Nodataavailable

**Persistenceanddegradability:**

Nodataavailable

**Mobilityinsoil:**

Nodataavailable

**Section 1 3 RecyclingandDisposalConsiderations**

**AppropriateMethodofDisposalofSubstance:**

Contactalicensedprofessionalwastedisposalservicetodisposeofthismaterial. Dissolveormixthematerialwithacom bustiblesolventandburninacheimicalincineratorequippedwithandafterburnerandscrubber. Observeallfederal, stat e, andlocalenvironmentalregulations.

**Section 1 4 TransportInformation**

**RID/ADR:** Non- HazardousforTransport: This substanceisconsideredtobenon-

hazardousfortransport. **IATA:** Non- HazardousforairTransport: Non- Hazardousforairtransport.

**IMO:** Non- HazardousforseaTtransport: Non- hazardousforseatransport.

**Section 1 5 Regulatoryinformation**

**Regulation( EC) No1 272/2008andtheamendments:**

Skincorrosion/irritation( category2 )

Seriouseyedamage/irritation( category2 )

**Section 1 6 AdditionInformation/ Declaration**

**Department:**

ShanghaiReserchInstituteofChemicalIndustryTestingCentre/ ShanghaiClassificationandTestingCentreofDangerou sChemicalsforStateAdministrationofWorkSafety

Tel(fax):8621-52815377/52800971

**Revision:**

0

**OtherInformation:**

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