

# Material Safety Data Sheet

## 5-SODIOSULFO ISOPHTHALIC ACID

### Section 1: Chemical Product and Company Identification

**Product Name:** 5-Sulfoisophthalic acid, sodium salt 99%    **Company Information:**  
**Chemical Name:**    **Qingdao Chemtrade International Technology Co., Ltd.**  
**Customs Tariff No:** 2917399090    Rm. 2-501, Huaxia Zonghe Building, No. 410,  
**Synonym Name:** 3,5-Dicarboxybenzenesulfonic acid    Jingtangshan Road, Qingdao Economic and Technical Zone,  
sodium salt, 5-SSIPA    Qingdao, Shandong, China 266555  
**Chemical Formula:** C<sub>8</sub>H<sub>5</sub>O<sub>7</sub>SN<sub>a</sub>    **Tel:** 0086-532-86109530  
    **Fax:** 0086-532-86893005

### Section 2: Composition and Information on Ingredients

#### Composition:

Name	CAS No.	EINECS No.	by weight
5-Sulfoisophthalic acid, sodium salt	6362-79-4	228-845-2	99.0

**Toxicological Data on Ingredients:** Not applicable.

### Section 3: Hazards Identification

#### EMERGENCY OVERVIEW

Appearance: white solid.

**Caution!** May cause eye and skin irritation. May cause respiratory and digestive tract irritation. The toxicological properties of this material have not been fully investigated.

**Target Organs:** Respiratory system, eyes, skin.

#### Potential Health Effects

**Eye:** May cause eye irritation.

**Skin:** May cause skin irritation.

**Ingestion:** May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

**Inhalation:** May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

**Chronic:** Not available.

### Section 4: First Aid Measures

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**Skin:** Get medical aid. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

**Ingestion:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

**Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**Notes to Physician:** Treat symptomatically and supportively.

### Section 5: Fire and Explosion Data

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or chemical foam.

**Flash Point:** Not available.

**Autoignition Temperature:** Not available.  
**Explosion Limits, Lower:** Not available.  
**Upper:** Not available.  
**NFPA Rating:** Not published.

#### Section 6: Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.  
**Spills/Leaks:** Vacuum or sweep up material and place into a suitable disposal container.

#### Section 7: Handling and Storage

**Handling:** Wash thoroughly after handling. Use only in a well-ventilated area. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.  
**Storage:** Store in a cool, dry place. Store in a tightly closed container.

#### Section 8: Exposure Controls/Personal Protection

**Engineering Controls:** Use adequate ventilation to keep airborne concentrations low.

##### Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
5-Sulfoisophthalic acid, sodium salt	none listed	none listed	none listed

**OSHA Vacated PELs:** 5-Sulfoisophthalic acid, sodium salt: No OSHA Vacated PELs are listed for this chemical.

##### Personal Protective Equipment

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:** Wear appropriate protective gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respirators:** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

#### Section 9: Physical and Chemical Properties

**Physical State:** Solid

**Appearance:** white

**Odor:** Odorless

**pH:** Not available.

**Vapor Pressure:** Not available.

**Vapor Density:** Not available.

**Evaporation Rate:** Not available.

**Viscosity:** Not available.

**Boiling Point:** Not available.

**Freezing/Melting Point:** 373 - 375 deg C

**Decomposition Temperature:** Not available.

**Solubility:** in water: 380 g/l

**Specific Gravity/Density:** Not available.

**Molecular Formula:** C<sub>8</sub>H<sub>5</sub>O<sub>7</sub>SNa

**Molecular Weight:** 268.16

#### Section 10: Stability and Reactivity Data

**Chemical Stability:** Stable under normal temperatures and pressures.  
**Conditions to Avoid:** None reported.  
**Incompatibilities with Other Materials:** Strong oxidizing agents.  
**Hazardous Decomposition Products:** Carbon monoxide, oxides of sulfur, carbon dioxide.  
**Hazardous Polymerization:** Has not been reported

### Section 11: Toxicological Information

**RTECS#:**  
CAS# 6362-79-4: DB6030000  
**LD50/LC50:**  
CAS# 6362-79-4:  
Draize test, rabbit, eye: 20 mg/24H Moderate;  
Oral, rat: LD50 = 6450 mg/kg;  
**Carcinogenicity:**  
CAS# 6362-79-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65.  
**Epidemiology:** Not available.  
**Teratogenicity:** Not available.  
**Reproductive Effects:** Not available.  
**Mutagenicity:** Not available.  
**Neurotoxicity:** Not available.  
**Other Studies:**

### Section 12: Ecological Information

**Ecotoxicity:** No data available. Water danger/protection WGK 1  
**Environmental:** No information available.  
**Physical:** No information available.  
**Other:** No information available.

### Section 13: Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.  
**RCRA P-Series:** None listed.  
**RCRA U-Series:** None listed.

### Section 14: Transport Information

	US DOT	Canada TDG
Shipping Name:	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.	No information available.
Hazard Class:		
UN Number:		
Packing Group:		

### Section 15: Other Regulatory Information

## **US FEDERAL**

### **TSCA**

CAS# 6362-79-4 is listed on the TSCA inventory.

### **Health & Safety Reporting List**

None of the chemicals are on the Health & Safety Reporting List.

### **Chemical Test Rules**

None of the chemicals in this product are under a Chemical Test Rule.

### **Section 12b**

None of the chemicals are listed under TSCA Section 12b.

### **TSCA Significant New Use Rule**

None of the chemicals in this material have a SNUR under TSCA.

### **CERCLA Hazardous Substances and corresponding RQs**

None of the chemicals in this material have an RQ.

### **SARA Section 302 Extremely Hazardous Substances**

None of the chemicals in this product have a TPQ.

### **Section 313** No chemicals are reportable under Section 313.

### **Clean Air Act:**

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depleters.

This material does not contain any Class 2 Ozone depleters.

### **Clean Water Act:**

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

### **OSHA:**

None of the chemicals in this product are considered highly hazardous by OSHA.

### **STATE**

CAS# 6362-79-4 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

### **California Prop 65**

California No Significant Risk Level: None of the chemicals in this product are listed.

### **European/International Regulations**

#### **European Labeling in Accordance with EC Directives**

#### **Hazard Symbols:**

C

#### **Risk Phrases:**

R 34 Causes burns.

#### **Safety Phrases:**

S 25 Avoid contact with eyes.

S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

#### **WGK (Water Danger/Protection)**

CAS# 6362-79-4: 1

#### **Canada - DSL/NDSL**

CAS# 6362-79-4 is listed on Canada's DSL List.

#### **Canada - WHMIS**

WHMIS: Not available.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

#### **Canadian Ingredient Disclosure List**

**MSDS Creation Date:** 2/26/2005

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall chemtrade international be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Chemtrade International has been advised of the possibility of such damages.*