

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Version 3.0 Revision Date 04.04.2008

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GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name : Tropaeolin O

Product Number : 199680

Brand : Aldrich

Company : Sigma-Aldrich Chemie GmbH  
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### 2. HAZARDS IDENTIFICATION

Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : Acid Orange 6  
Chrysoin  
Resorcinol yellow

Formula :  $C_{12}H_9N_2NaO_5S$

Molecular Weight : 316,27 g/mol

CAS-No.	EC-No.	Index-No.	Classification	Concentration
Sodium 4-(2,4-dihydroxyphenylazo)benzenesulphonate				
547-57-9	208-924-8	-	-	-

### 4. FIRST AID MEASURES

If inhaled  
If breathed in, move person into fresh air. If not breathing give artificial respiration

In case of skin contact  
Wash off with soap and plenty of water.

In case of eye contact  
Flush eyes with water as a precaution.

If swallowed  
Never give anything by mouth to an unconscious person. Rinse mouth with water.

### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for fire-fighters**  
**Wear self contained breathing apparatus for fire fighting if necessary.**

## **6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions**  
**Avoid dust formation.**

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

**Methods for cleaning up**  
**Sweep up and shovel. Keep in suitable, closed containers for disposal.**

## **7. HANDLING AND STORAGE**

**Handling**  
**Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.**

**Storage**  
**Store in cool place. Keep container tightly closed in a dry and well-ventilated place.**

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Personal protective equipment**

**Respiratory protection**  
**Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).**

**Hand protection**  
**For prolonged or repeated contact use protective gloves.**

**Eye protection**  
**Safety glasses**

**Hygiene measures**  
**General industrial hygiene practice.**

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**

<b>Form</b>	<b>powder</b>
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**Safety data**

<b>pH</b>	<b>no data available</b>
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<b>Melting point</b>	<b>no data available</b>
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<b>Boiling point</b>	<b>no data available</b>
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<b>Flash point</b>	<b>no data available</b>
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<b>Ignition temperature</b>	<b>no data available</b>
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<b>Lower explosion limit</b>	<b>no data available</b>
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<b>Upper explosion limit</b>	<b>no data available</b>
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<b>Water solubility</b>	<b>no data available</b>
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## 10. STABILITY AND REACTIVITY

### Storage stability

Stable under recommended storage conditions.

### Materials to avoid

Strong oxidizing agents

### Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx), Sulphur oxides, Sodium oxides

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

no data available

### Irritation and corrosion

no data available

### Sensitisation

no data available

### Chronic exposure

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

### Potential Health Effects

#### Inhalation

May be harmful if inhaled. May cause respiratory tract irritation.

#### Skin

May be harmful if absorbed through skin. May cause skin irritation.

#### Eyes

May cause eye irritation.

#### Ingestion

May be harmful if swallowed.

## 12. ECOLOGICAL INFORMATION

### Elimination information (persistence and degradability)

no data available

### Ecotoxicity effects

no data available

### Further information on ecology

no data available

## 13. DISPOSAL CONSIDERATIONS

### Product

Observe all federal, state, and local environmental regulations.

### Contaminated packaging

Dispose of as unused product.

## 14. TRANSPORT INFORMATION

### ADR/RID

Not dangerous goods

**IMDG**  
**Not dangerous goods**

**IATA**  
**Not dangerous goods**

#### **15. REGULATORY INFORMATION**

**Labelling according to EC Directives**

**Further information:**

**The product does not need to be labelled in accordance with EC directives or respective national laws.**

#### **16. OTHER INFORMATION**

**Further information**

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**The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Co., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.**