

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Methyl Orange

Product Number : 114510  
Brand : Sigma-Aldrich

Supplier : Sigma-Aldrich  
3050 Spruce Street  
SAINT LOUIS MO 63103  
USA

Telephone : +1 800-325-5832  
Fax : +1 800-325-5052  
Emergency Phone # (For both supplier and manufacturer) : (314) 776-6555

Preparation Information : Sigma-Aldrich Corporation  
Product Safety - Americas Region  
1-800-521-8956

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

##### OSHA Hazards

Toxic by ingestion

##### GHS Classification

Acute toxicity, Oral (Category 3)

##### GHS Label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H301

Toxic if swallowed.

Precautionary statement(s)

P301 + P310

IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

#### HMIS Classification

Health hazard: 2

Flammability: 0

Physical hazards: 0

#### NFPA Rating

Health hazard: 2

Fire: 0

Reactivity Hazard: 0

#### 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**

Toxic if swallowed.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : 4-[4-(Dimethylamino)phenylazo]benzenesulfonic acid sodium salt  
Acid Orange 52  
Helianthin  
Orange III

Formula :  $C_{14}H_{14}N_3NaO_3S$

Molecular Weight : 327.33 g/mol

Component	Concentration
<b>Sodium 4-(4-dimethylaminophenylazo)benzenesulphonate</b>	
CAS-No.	547-58-0
EC-No.	208-925-3
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### 4. FIRST AID MEASURES

#### General advice

Keep in a dry place.

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

Contains no substances with occupational exposure limit values.

### **Personal protective equipment**

#### **Respiratory protection**

Where risk assessment shows air-purifying respirators

Evaporation rate      no data available

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Marine pollutant: No  
Poison Inhalation Hazard: No

**IMDG**

UN number: 3143 Class: 6.1 Packing group: III EMS-No: F-A, S-A  
Proper shipping name: DYE, SOLID, TOXIC, N.O.S. (Sodium 4-(4-dimethylaminophenylazo)benzenesulphonate)  
Marine pollutant: No

**IATA**

UN number: 3143 Class: 6.1 Packing group: III  
Proper shipping name: Dye, solid, toxic, n.o.s. (Sodium 4-(4-dimethylaminophenylazo)benzenesulphonate)

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**15. REGULATORY INFORMATION**

**OSHA Hazards**

Toxic by ingestion

**SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**

Acute Health Hazard

**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.