

# MSDS for Methyl benzilate



Material Safety Data Sheet

Methyl benzilate

## Section 1 - Chemical Product and Company Identification

**MSDS Name:** Methyl benzilate  
**Catalog Numbers:** 26371-0000, 26371-0250, 26371-1000  
**Synonyms:**  
**Company Identification:** Acros Organics BVBA  
Janssen Pharmaceuticaaan 3a  
2440 Geel, Belgium  
**Company Identification: (USA)** Acros Organics  
One Reagent Lane  
Fair Lawn, NJ 07410  
**For information in the US, call:** 800-ACROS-01  
**For information in Europe, call:** +32 14 57 52 11  
**Emergency Number, Europe:** +32 14 57 52 99  
**Emergency Number US:** 201-796-7100  
**CHEMTREC Phone Number, US:** 800-424-9300  
**CHEMTREC Phone Number, Europe:** 703-527-3887

## Section 2 - Composition, Information on Ingredients

**CAS# Chemical Name: % EINECS#**  
76-89-1 Methyl benzilate 99% 200-991-1

**Hazard Symbols:** XN



**Risk Phrases:** 22

## Section 3 - Hazards Identification

### EMERGENCY OVERVIEW

*Harmful if swallowed.*

### Potential Health Effects

**Eye:** May cause eye irritation.  
**Skin:** May cause skin irritation. May be harmful if absorbed through the skin.  
**Ingestion:** Harmful if swallowed. May cause irritation of the digestive tract.  
**Inhalation:** May cause respiratory tract irritation. May be harmful if inhaled.  
**Chronic:**

## Section 4 - First Aid Measures

**Eyes:** 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. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.  
**Ingestion:** Get medical aid. Wash mouth out with water.  
**Inhalation:** Remove from exposure and move to fresh air immediately. If not

breathing, give artificial respiration. If breathing is difficult, give oxygen.  
Get medical aid.

**Notes to  
Physician:**

**Section 5 - Fire Fighting Measures**

**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.

**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. Avoid generating dusty conditions. Do not let this chemical enter the environment.

**Section 7 - Handling and Storage**

**Handling:** Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. 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**

CAS# 76-89-1:

**Personal Protective Equipment**

**Eyes:** Wear chemical splash goggles.

**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:** Crystalline powder

**Color:** white

**Odor:** Not available

**pH:** Not available

**Vapor Pressure:** Not available

**Viscosity:** Not available

**Boiling Point:** 187 deg C @13mmHg ( 368.60癈)

**Freezing/Melting Point:** 73 - 76 deg C

**Autoignition Temperature:** Not available

**Flash Point:** Not available

**Explosion Limits: Lower:** Not available

**Explosion Limits: Upper:** Not available

**Decomposition Temperature:** Not available

**Solubility in water:** Not available

**Specific Gravity/Density:**

**Molecular Formula:** C15H14O3

**Molecular Weight:** 242.27

## **Section 10 - Stability and Reactivity**

|   |                                  |
|---|----------------------------------|
| <b>Chemical Stability:</b>                    | Not available                    |
| <b>Conditions to Avoid:</b>                   | Incompatible materials.          |
| <b>Incompatibilities with Other Materials</b> | Strong oxidizing agents.         |
| <b>Hazardous Decomposition Products</b>       | Carbon monoxide, carbon dioxide. |
| <b>Hazardous Polymerization</b>               | Has not been reported.           |

## **Section 11 - Toxicological Information**

|                         |   |
|-------------------------|---|
| <b>RTECS#:</b>          | CAS# 76-89-1: None listed   |
| <b>LD50/LC50:</b>       | RTECS: Not available.   |
| <b>Carcinogenicity:</b> | Methyl benzilate - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65. |
| <b>Other:</b>           | The toxicological properties have not been fully investigated.                    |

## **Section 12 - Ecological Information**

|               |                           |
|---------------|---------------------------|
| <b>Other:</b> | Do not empty into drains. |
|---------------|---------------------------|

## **Section 13 - Disposal Considerations**

Dispose of in a manner consistent with federal, state, and local regulations.

## **Section 14 - Transport Information**

|                       | <b>IATA</b>    | <b>IMO</b>     | <b>RID/ADR</b> |
|-----------------------|----------------|----------------|----------------|
| <b>Shipping Name:</b> | Not regulated. | Not regulated. | Not regulated. |
| <b>Hazard Class:</b>  |                |                |                |
| <b>UN Number:</b>     |                |                |                |
| <b>Packing Group:</b> |                |                |                |

## **Section 15 - Regulatory Information**

### **European/International Regulations**

European Labeling in Accordance with EC Directives

Hazard Symbols: XN

Risk Phrases:

R 22 Harmful if swallowed.

Safety Phrases:

WGK (Water Danger/Protection)

CAS# 76-89-1: Not available

Canada

CAS# 76-89-1 is listed on Canada's NDSL List

### **US Federal**

TSCA

CAS# 76-89-1 is listed on the TSCA Inventory.

## **Section 16 - Other Information**

**MSDS Creation Date:** 7/16/1996

**Revision #1 Date** 5/04/2006

**Revisions were made in Sections:** 3, 4, 5, 6, 7, 8, 9, 10, 14

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