



## Safety Data Sheet

According to Regulation (EC) 1907/2006



1949 Methyl Benzoate

# Identification of the substance/preparation and of the company or firm

## 1.1 Identification of the substance or preparation

Name:

Methyl Benzoate

**Synonym:**

Benzoic Acid Methyl Ester

**REACH Registration Number:** A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) N° 1907/2006, the annual tonnage does not require a registration, the registration is envisaged for a later registration deadline or it is a mixture.

## 1.2 Use of the substance/preparation:

For laboratory utilisation, analysis, research and fine chemistry.

## 1.3 Identification of the company or firm:

PANREAC QUIMICA S.L.U.

C/Garraf 2

Polígono Pla de la Bruguera

E-08211 Castellar del Vallès

(Barcelona) Spain

Tel. (+34) 937 489 400

e-mail: [product.safety@panreac.com](mailto:product.safety@panreac.com)

#### 1.4 Emergency telephone:

Single telephone number for emergency calls: 112 (EU)

Tel.: (+34) 937 489 499

## Identification of dangers

Classification of the substance or the mixture.

**Classification Regulation (CE) n° 1272/2008.**

Acute Tox. 4

#### Hazard Pictograms



#### Signal word

Warning

#### Hazard statements

H302 Harmful if swallowed.

#### Precautionary statements

P264 Wash...thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330 Rinse mouth.

P501 Dispose of contents/container according to Directive 94/62/CE or 2008/98/CE.

**Classification (67/548/CEE or 1999/45/CE).**

Xn HarmfulR22

For the full text of the R-phrases mentioned in this section, see section 16.

## Component Composition/Information

Name: Methyl Benzoate

Formula: C<sub>6</sub>H<sub>5</sub>COOCH<sub>3</sub> M.= 136,15 CAS [93-58-3]

EC number (EINECS): 202-259-7

## First aid

#### 4.1 General indications:

Never provide drink or induce vomiting in the event of loss of consciousness.

**4.2 Inhaling:**

Take the person out into the fresh air. In the event of suffocation, proceed to provide artificial respiration. In the event sickness persists, seek medical assistance.

**4.3 Contact with the skin:**

Wash with plenty of water. Remove contaminated clothing.

**4.4 Eyes:**

Wash with plenty of water, keeping eyelids open. In the event of irritation, seek medical assistance.

**4.5 Swallowing:**

Drink large amounts of water. Induce vomiting. Seek medical assistance. Keep respiratory tracts clear.

## Fire-fighting means

**5.1 Suitable fire-extinguishing means:**

Water. Carbon dioxide (CO<sub>2</sub>). Foam. Dry powder.

**5.2 Fire-fighting means which must NOT be used:**

No specific data.

**5.3 Special risks:**

Flammable. Keep away from sources of ignition. The fumes are heavier than air, so they may spread at floor level. May form explosive mixtures with the air. In the event of fire, toxic fumes may form.

**5.4 Protective equipment:**

Suitable clothing and footwear.

## Measures to be taken in the event of accidental spillage

**6.1 Individual precautions:**

No special indications.

**6.2 Precautions for care of the environment:**

Avoid pollution of the soil, water supplies and drains.

**6.3 Methods for collection/cleaning:**

Collect up with absorbent materials (Panreac General Absorbent, Kieselguhr, etc.) or, if none available, dry sand or earth, and deposit in waste containers for subsequent elimination in accordance with current legislation. Clean any remains with plenty of water.

# Handling and storage

## 7.1 Handling:

No special indications.

## 7.2 Storage:

Well sealed containers. Dry atmosphere. In well ventilated premises. Room temperature. Away from sources of ignition and heat.

# Staff exposure/protection controls

## 8.1 Technical protective measures:

No special indications.

## 8.2 Exposure limit control:

: Data not available.

## 8.3 Respiratory protection:

In the event of fumes forming/aerosols, use suitable respiratory protection.

## 8.4 Hand protection:

Use suitable gloves

## 8.5 Eye protection:

Use suitable goggles.

## 8.6 Individual hygiene measures:

Remove contaminated clothing. Wash hands before breaks and when the job is done.

## 8.7 Environmental exposure controls:

Fulfill the commitments under local environmental protection legislation.

# Physical and chemical properties

Appearance: liquid

Colour: Colourless

Granulometry: N/A

Odour: Characteristic.

pH:

N/A

Melting point/freezing point: -12 °C

Initial boiling point and boiling range: 199 °C

Flash point: 83 °C

Flammability (solid, gas):

N/A

Upper/lower flammability or explosive limits: 20 %(V) / 8,6 %(V)

Vapour pressure: 1,3 hPa (39 °C)

Vapour density: N/A

Relative density: (20/4) 1,088

Solubility: Inmiscible with water.

Partition coefficient: n-octanol/water:

N/A

Auto-ignition temperature: 518 °C

Decomposition temperature: N/A

Viscosity: N/A

## Stability and reactivity

### 10.1 Conditions which should be avoided:

The product is chemically stable under standar ambient conditions (room temperature).

### 10.2 Matter which should be avoided:

Strong oxidant agents.

### 10.3 Hazardous decomposition products:

No specific data.

### 10.4 Complementary information:

The gases/fumes can form explosive mixtures with the air.

## Toxicological information

- **Acute toxicity:**

LD50 oral rbt : 2.170 mg/kg

LD50 oral mus : 3.330 mg/kg

LD50 oral rat : 1.177 mg/kg

- **Dangerous effects for health:**

If inhaled: Irritations to the mucosae coughing breathing difficulties Upon contact with the skin: irritations Through contact with the eyes: irritations If swallowed: nausea vomiting headaches Other dangerous characteristics are not discarded. Take the usual precautions for handling chemical products.

# Environmental information

## 12.1 Toxicity:

12.1.1 - EC50 test (mg/l):

Bacteria (Photobacterium phosphoreum) 4,21 mg/l

Classification:

Extr. toxic

Cold-blooded animals

Classification: Extr. toxic

Risk for the water environment

Medium

Risk for the land environment

Medium

12.1.3. - Observations:

Acutely high ecotoxicity.

## 12.2 Persistence and Degradability :

12.2.1 - Test:

BOD5

12.2.2. - Biotic degradation classification:

BOD5/COD

Biodegradability

12.2.3. - Abiotic degradation depending on pH:

12.2.4. - Observations:

Data not available.

## 12.3 Bioaccumulative potential:

12.3.1. - Test:

12.3.2. - Bioaccumulation:

Risk

12.3.3. - Observations:

Data not available.

## 12.4 Mobility in soil :

Repartition: log P(oct)= 2,12

## 12.5 Assessment PBT and MPMB :

Data not available.

## 12.6 Other possible effects on the environment:

Do not allow it to enter soils or water channels.

# Considerations regarding elimination

## 13.1 Substance or preparation:

In the European Union, there are no homogeneous standards established for elimination of chemical waste, which is waste of a special nature, and treatment and elimination of same is subject to the domestic legislation in each country.

In view of this, in each case, you should contact the competent authority or those companies legally authorized for elimination of waste.

2001/573/EC: Council Decision of 23 July 2001 amending Commission Decision 2000/532/EC as regards the list of wastes. Council Directive 91/156/EEC of 18 March 1991 amending Directive 75/442/EEC on waste.

## 13.2 Contaminated containers:

Contaminated containers and packaging of dangerous substances or preparations must be treated in the same manner as the actual products contained in them.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste.

# Information concerning transport

Not classified as dangerous in the meaning of transport regulations.

# Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

# Other information

## Other precautionary statements

## Labelling (65/548/CEE or 1999/45/CE)

R-phrase(s): **R22** Harmful if swallowed.

S-phrase(s):

Review number and date: 4 15.09.2011

Date published: 15.09.2011

In respect of the previous review, changes have been made to the following sections: 15

The information included in this Safety Data Sheet is based on our most up-to-date knowledge, and is solely intended to inform regarding aspects of safety; the properties and characteristics indicated herein are not guaranteed.