



Benzyl Acetate
CAS No 140-11-4

MATERIAL SAFETY DATA SHEET
SDS/MSDS

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name : **Benzyl Acetate**

CAS-No. : 140-11-4

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Industrial & for professional use only.

1.3 Details of the supplier of the safety data sheet

Company : Central Drug House (P) Ltd
7/28 Vardaan House
Ansari Road Daryaganj
New Delhi-110002
INDIA

Telephone : +91 11 49404040

Email : care@cdhfinechemical.com

1.4 Emergency telephone number

Emergency Phone # : +91 11 49404040 (9:00am - 6:00 pm) [Office hours]

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Chronic aquatic toxicity (Category 3), H412

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

Pictogram none

Signal word none

Hazard statement(s)

H412 Harmful to aquatic life with long lasting effects.

Precautionary statement(s) none

Supplemental Hazard Statements none

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1 Substances

Synonyms : Acetic acid benzyl ester

Formula : C₉H₁₀O₂
Molecular weight : 150.17 g/mol
CAS-No. : 140-11-4
EC-No. : 205-399-7

Hazardous ingredients according to Regulation (EC) No 1272/2008

Component	Classification	Concentration
Benzyl acetate		
CAS-No.	140-11-4	Aquatic Chronic 3; H412
EC-No.	205-399-7	<= 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

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. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

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

5.2 Special hazards arising from the substance or mixture

Carbon oxides

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available

b) Odour	No data available
c) Odour Threshold	No data available
d) pH	No data available
e) Melting point/freezing point	Melting point/range: -51 °C - lit.
f) Initial boiling point and boiling range	206 °C - lit.
g) Flash point	95 °C - closed cup
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapour pressure	23 mmHg at 110 °C
l) Vapour density	No data available
m) Relative density	1.052-1.056 g/mL at 20°C
n) Water solubility	0.0001 g/l - slightly soluble
o) Partition coefficient: n-octanol/water	log Pow: 1.96 at 25 °C
p) Auto-ignition temperature	460 °C
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

9.2 Other safety information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Strong oxidizing agents, acids, Bases, Reducing agents

10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides

Other decomposition products - No data available

In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - Rat - male and female - > 2,000 mg/kg(Benzyl acetate)
(OECD Test Guideline 401)

LCLo Inhalation - Rat - male and female - 4 h - > 0.766 mg/l(Benzyl acetate)
(OECD Test Guideline 403)

LD50 Dermal - Rabbit - > 5,000 mg/kg(Benzyl acetate)

Skin corrosion/irritation

Skin - Rabbit(Benzyl acetate)

Result: No skin irritation - 4 h
(Directive 67/548/EEC, Annex V, B.4.)

Serious eye damage/eye irritation

Eyes - Rabbit(Benzyl acetate)

Result: No eye irritation
(Directive 67/548/EEC, Annex V, B.5.)

Respiratory or skin sensitisation

No data available(Benzyl acetate)

Germ cell mutagenicity

Ames test(Benzyl acetate)

S. typhimurium

Result: negative

(Benzyl acetate)

Rat - male

Result: negative

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Benzyl acetate)

Reproductive toxicity

No data available(Benzyl acetate)

Specific target organ toxicity - single exposure

No data available(Benzyl acetate)

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available(Benzyl acetate)

Additional Information

Repeated dose toxicity - Rat - male and female - Oral - 14 h - No observed adverse effect level - 500 mg/kg(Benzyl acetate)

RTECS: AF5075000

narcosis, Central nervous system depression, Nausea, Vomiting(Benzyl acetate)

14.6 Special precautions for user

Further information

EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and combination packagings containing inner packagings with Dangerous Goods > 5L for liquids or > 5kg for solids.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

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

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3.

H412 Harmful to aquatic life with long lasting effects.

Further information

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. Central Drug House (P) Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.cdhfinechemical.com for additional terms and conditions of sale.