



## ISO 9001 Quality System Certified Organization

MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS

Address : H.No.712/3, sainagar, Palghar mumbai 401102

 [sales@ultrapurelab.com](mailto:sales@ultrapurelab.com) / [info@ultrapurelab.com](mailto:info@ultrapurelab.com)

 /  [+91 7058322540](tel:+917058322540) / [+91 7378378726](tel:+917378378726)

 [www.ultrapurelab.com](http://www.ultrapurelab.com)

## MATERIAL SAFETY DATA SHEET (MSDS) SDS/MSDS

### BENZYL ACETATE

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

1.1. Product identifier

Product form

Trade name : BENZYL ACETATE

EC-No. : 205-399-7

CAS-No. : 140-11-4

Formula : C<sub>9</sub>H<sub>10</sub>O<sub>2</sub>

Chemical structure

Synonyms : Acetic acid benzyl ester

: Substance

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

1.2.1. Relevant identified uses

Use of the substance/mixture

1.2.2. Uses advised against

No additional information available

: Laboratory chemicals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2

Serious eye damage/eye irritation, Category 2

Specific target organ toxicity – Single exposure, Category 3,

Respiratory tract irritation

Hazardous to the aquatic environment – Chronic Hazard,

Category 3

Full text of H- and EUH-statements: see section 16

H315

H319

H335

H412

Adverse physicochemical, human health and environmental effects

May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)

Signal word (CLP)

ULTRA PURE-LAB CHEM INDUSTRIES (LLP)

Address: H.No.712/3, sainagar,

Palghar-401102.  +91 7058322540



## ISO 9001 Quality System Certified Organization

MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS

Address : H.No.712/3, sainagar, Palghar mumbai 401102

 [sales@ultrapurelab.com](mailto:sales@ultrapurelab.com) / [info@ultrapurelab.com](mailto:info@ultrapurelab.com)

 /  [+91 7058322540](tel:+917058322540) / [+91 7378378726](tel:+917378378726)

 [www.ultrapurelab.com](http://www.ultrapurelab.com)

Hazard statements (CLP)

Precautionary statements (CLP)

2.3. Other hazards

:

GHS07

: Warning

: H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H335 - May cause respiratory irritation.

H412 - Harmful to aquatic life with long lasting effects.

: P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 - Avoid release to the environment.

P280 - Wear protective clothing, eye protection, face protection, protective gloves.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Substance type

Name

: Mono-constituent

Product identifier

BENZYL ACETATE

CAS-No.: 140-11-4

EC-No.: 205-399-7

99 %

#### 3.2. Mixtures

Not applicable

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general

First-aid measures after inhalation

First-aid measures after skin contact

First-aid measures after eye contact

First-aid measures after ingestion

: Call a poison center or a doctor if you feel unwell.

: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a

ULTRA PURE-LAB CHEM INDUSTRIES (LLP)

Address: H.No.712/3, sainagar,

Palghar-401102.  +91 7058322540



**ISO 9001 Quality System Certified Organization**

**MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS**

**Address : H.No.712/3, sainagar, Palghar mumbai 401102**

 [sales@ultrapurelab.com](mailto:sales@ultrapurelab.com) / [info@ultrapurelab.com](mailto:info@ultrapurelab.com)

 /  [+91 7058322540](tel:+917058322540) / [+91 7378378726](tel:+917378378726)

 [www.ultrapurelab.com](http://www.ultrapurelab.com)

doctor if you feel unwell.

: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.

: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

: Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation

Symptoms/effects after skin contact

Symptoms/effects after eye contact

: May cause respiratory irritation.

: Irritation.

: Eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

: Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire

5.3. Advice for firefighters

: Toxic fumes may be released.

Protection during firefighting

: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures

6.1.2. For emergency responders

Protective equipment

6.2. Environmental precautions

: Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

**ULTRA PURE-LAB CHEM INDUSTRIES (LLP)**

**Address: H.No.712/3, sainagar,**

**Palghar-401102.  +91 7058322540**



## ISO 9001 Quality System Certified Organization

**MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS**

**Address : H.No.712/3, sainagar, Palghar mumbai 401102**

 [sales@ultrapurelab.com](mailto:sales@ultrapurelab.com) / [info@ultrapurelab.com](mailto:info@ultrapurelab.com)

 /  [+91 7058322540](tel:+917058322540) / [+91 7378378726](tel:+917378378726)

 [www.ultrapurelab.com](http://www.ultrapurelab.com)

Other information

6.4. Reference to other sections

: Take up liquid spill into absorbent material.

: Dispose of materials or solid residues at an authorized site.

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

Hygiene measures

: Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment.

: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

7.3. Specific end use(s)

: Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

20.10.2023 (Issue date)

EN (English)

3/10

BENZYL ACETATE EXTRA PURE

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

ULTRA PURE-LAB CHEM INDUSTRIES (LLP)

Address: H.No.712/3, sainagar,

Palghar-401102.  +91 7058322540



## ISO 9001 Quality System Certified Organization

MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS

Address : H.No.712/3, sainagar, Palghar mumbai 401102

 [sales@ultrapurelab.com](mailto:sales@ultrapurelab.com) / [info@ultrapurelab.com](mailto:info@ultrapurelab.com)

 /  +91 7058322540 / +91 7378378726

 [www.ultrapurelab.com](http://www.ultrapurelab.com)

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):

8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear a mask

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Colour

Appearance

Molecular mass

Odour

Odour threshold

Melting point

Freezing point

Boiling point

Flammability

Lower explosion limit

: Liquid

: Colourless.

: Clear liquid.

: 150,17 g/mol

: Sweet. Floral.

: Not available

: Not applicable

: -51,5 °C

: 212 – 214 °C

ULTRA PURE-LAB CHEM INDUSTRIES (LLP)

Address: H.No.712/3, sainagar,

Palghar-401102.  +91 7058322540



ISO 9001 Quality System Certified Organization

MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS

Address : H.No.712/3, sainagar, Palghar mumbai 401102

 [sales@ultrapurelab.com](mailto:sales@ultrapurelab.com) / [info@ultrapurelab.com](mailto:info@ultrapurelab.com)

 /  +91 7058322540 / +91 7378378726

 [www.ultrapurelab.com](http://www.ultrapurelab.com)

: Non flammable.

: 0,9 vol %

Upper explosion limit

Flash point

Auto-ignition temperature

Decomposition temperature

pH

Viscosity, kinematic

Solubility

Partition coefficient n-octanol/water (Log Kow)

Vapour pressure

Vapour pressure at 50 °C

Density

Relative density

Relative vapour density at 20 °C

Particle characteristics

9.2. Other information

: 8,4 vol %

: 102 °C - closed cup

: 460 °C

: Not available

: Not available

: Not available

: Water: 31 g/100ml Immiscible

Ethanol: Miscible

Ether: Miscible

Acetone: Miscible

: Not available

: 23 mm Hg at 110°C

: Not available

: 1,054 g/cm<sup>3</sup> at 25°C

: Not available

: 5,1 (Air = 1)

: Not applicable

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Refractive index

SECTION 10: Stability and reactivity

: 1,501 – 1,503 (20°C, 589 nm)

10.1. Reactivity



## ISO 9001 Quality System Certified Organization

**MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS**

**Address : H.No.712/3, sainagar, Palghar mumbai 401102**

 [sales@ultrapurelab.com](mailto:sales@ultrapurelab.com) / [info@ultrapurelab.com](mailto:info@ultrapurelab.com)

 /  [+91 7058322540](tel:+917058322540) / [+91 7378378726](tel:+917378378726)

 [www.ultrapurelab.com](http://www.ultrapurelab.com)

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)

Acute toxicity (dermal)

Acute toxicity (inhalation)

Skin corrosion/irritation

Serious eye damage/irritation

Respiratory or skin sensitisation

Germ cell mutagenicity

Carcinogenicity

: Not classified

: Not classified

: Not classified

: Causes skin irritation.

: Causes serious eye irritation.

: Not classified

: Not classified

: Not classified

Reproductive toxicity

STOT-single exposure

STOT-repeated exposure

Aspiration hazard

11.2. Information on other hazards

: Not classified

: May cause respiratory irritation.

: Not classified

: Not classified

No additional information available



**ISO 9001 Quality System Certified Organization**

**MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS**

**Address : H.No.712/3, sainagar, Palghar mumbai 401102**

 [sales@ultrapurelab.com](mailto:sales@ultrapurelab.com) / [info@ultrapurelab.com](mailto:info@ultrapurelab.com)

 /  [+91 7058322540](tel:+917058322540) / [+91 7378378726](tel:+917378378726)

 [www.ultrapurelab.com](http://www.ultrapurelab.com)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general

Hazardous to the aquatic environment, short-term  
(acute)

Hazardous to the aquatic environment, long-term  
(chronic)

12.2. Persistence and degradability

: Harmful to aquatic life with long lasting effects.

: Not classified

: Harmful to aquatic life with long lasting effects.

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available



**UPPLC**  
Ultra Pure-Lab Chem Industries

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods

SECTION 14: Transport information

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (ADR)

Proper Shipping Name (IMDG)

Proper Shipping Name (IATA)

Proper Shipping Name (ADN)

Proper Shipping Name (RID)

: Not regulated

: Not regulated

: Not regulated

: Not regulated



**ISO 9001 Quality System Certified Organization**

**MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS**

**Address : H.No.712/3, sainagar, Palghar mumbai 401102**

 [sales@ultrapurelab.com](mailto:sales@ultrapurelab.com) / [info@ultrapurelab.com](mailto:info@ultrapurelab.com)

 /  [+91 7058322540](tel:+917058322540) / [+91 7378378726](tel:+917378378726)

 [www.ultrapurelab.com](http://www.ultrapurelab.com)

: Not regulated

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not regulated

IMDG

Transport hazard class(es) (IMDG) : Not regulated

IATA

Transport hazard class(es) (IATA) : Not regulated

ADN

Transport hazard class(es) (ADN) : Not regulated

RID

Transport hazard class(es) (RID) : Not regulated

14.4. Packing group

Packing group (ADR) : Not regulated

Packing group (IMDG) : Not regulated

Packing group (IATA) : Not regulated

Packing group (ADN) : Not regulated

Packing group (RID) : Not regulated

14.5. Environmental hazards

Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

**ULTRA PURE-LAB CHEM INDUSTRIES (LLP)**

**Address: H.No.712/3, sainagar,**

**Palghar-401102.  +91 7058322540**



## ISO 9001 Quality System Certified Organization

**MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS**

**Address : H.No.712/3, sainagar, Palghar mumbai 401102**

 [sales@ultrapurelab.com](mailto:sales@ultrapurelab.com) / [info@ultrapurelab.com](mailto:info@ultrapurelab.com)

 /  [+91 7058322540](tel:+917058322540) / [+91 7378378726](tel:+917378378726)

 [www.ultrapurelab.com](http://www.ultrapurelab.com)

### 15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)

Reference code Applicable on

REACH Annex XIV (Authorisation List)

BENZYL ACETATE EXTRA PURE is not on the REACH Annex XIV List

REACH Candidate List (SVHC)

BENZYL ACETATE EXTRA PURE is not on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

BENZYL ACETATE EXTRA PURE is not subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012

concerning the export and import of hazardous chemicals.

POP Regulation (Persistent Organic Pollutants)

BENZYL ACETATE EXTRA PURE is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019

on persistent organic pollutants

Ozone Regulation (1005/2009)

BENZYL ACETATE is not subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16

September 2009 on substances that deplete the ozone layer.

Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

### 15.1.2. National regulations

Germany

Employment restrictions

Water hazard class (WGK)

Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen

SZW-lijst van mutagene stoffen

: Observe restrictions according Act on the Protection of Working Mothers (MuSchG).

Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).

: WGK 1, Slightly hazardous to water (Classification according to AwSV; ID No. 2084).

:

Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

: The substance is not listed

**ULTRA PURE-LAB CHEM INDUSTRIES (LLP)**

**Address: H.No.712/3, sainagar,**

**Palghar-401102.  +91 7058322540**



**ISO 9001 Quality System Certified Organization**

**MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS**

**Address : H.No.712/3, sainagar, Palghar mumbai 401102**

 [sales@ultrapurelab.com](mailto:sales@ultrapurelab.com) / [info@ultrapurelab.com](mailto:info@ultrapurelab.com)

 /  [+91 7058322540](tel:+917058322540) / [+91 7378378726](tel:+917378378726)

 [www.ultrapurelab.com](http://www.ultrapurelab.com)

: The substance is not listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : The substance is not listed

SZW-lijst van reprotoxische stoffen –

Vruchtbaarheid

: The substance is not listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling

Denmark

Danish National Regulations

Switzerland

Storage class (LK)

15.2. Chemical safety assessment

: The substance is not listed

: Young people below the age of 18 years are not allowed to use the product

: LK 10/12 - Liquids

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:

ADN

ADR

ATE

BCF

European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

European Agreement concerning the International Carriage of Dangerous Goods by Road

Acute Toxicity Estimate

Bioconcentration factor

BLV

Biological limit value

Abbreviations and acronyms:

BOD Biochemical oxygen demand (BOD)

COD Chemical oxygen demand (COD)

DMEL Derived Minimal Effect level

DNEL Derived-No Effect Level

EC-No. European Community number

EC50 Median effective concentration

EN European Standard

IARC International Agency for Research on Cancer

IATA International Air Transport Association

IMDG International Maritime Dangerous Goods

LC50 Median lethal concentration

LD50 Median lethal dose

**ULTRA PURE-LAB CHEM INDUSTRIES (LLP)**

**Address: H.No.712/3, sainagar,**

**Palghar-401102.  +91 7058322540**



## ISO 9001 Quality System Certified Organization

**MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS**

**Address : H.No.712/3, sainagar, Palghar mumbai 401102**

 [sales@ultrapurelab.com](mailto:sales@ultrapurelab.com) / [info@ultrapurelab.com](mailto:info@ultrapurelab.com)

 /  [+91 7058322540](tel:+917058322540) / [+91 7378378726](tel:+917378378726)

 [www.ultrapurelab.com](http://www.ultrapurelab.com)

LOAEL Lowest Observed Adverse Effect Level  
NOAEC No-Observed Adverse Effect Concentration  
NOAEL No-Observed Adverse Effect Level  
NOEC No-Observed Effect Concentration  
OECD Organisation for Economic Co-operation and Development  
OEL Occupational Exposure Limit  
PBT Persistent Bioaccumulative Toxic  
PNEC Predicted No-Effect Concentration  
RID Regulations concerning the International Carriage of Dangerous Goods by Rail  
SDS Safety Data Sheet  
STP Sewage treatment plant  
ThOD Theoretical oxygen demand (ThOD)  
TLM Median Tolerance Limit  
VOC Volatile Organic Compounds  
CAS-No. Chemical Abstract Service number  
N.O.S. Not Otherwise Specified  
vPvB Very Persistent and Very Bioaccumulative  
ED Endocrine disrupting properties

Full text of H- and EUH-statements:

Aquatic Chronic 3 Hazardous to the aquatic environment – Chronic Hazard, Category 3

Eye Irrit. 2 Serious eye damage/eye irritation, Category 2

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

Skin Irrit. 2 Skin corrosion/irritation, Category 2

BENZYL ACETATE EXTRA PURE

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:

STOT SE 3

Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.