



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 / info@ultrapurelab.com

☎ / 📠 +91 7058322540 / +91 7378378726

🌐 www.ultrapurelab.com

MATERIAL SAFETY DATA SHEET (MSDS) SDS/MSDS

SUCCINIMIDE

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

1.1. Product identifier

Product form

Trade name : SUCCINIMIDE

EC-No. : 204-635-6

CAS-No. : 123-56-8

Formula : C₄H₅NO₂

Chemical structure

Synonyms

: Heterocyclic organic compound

: 2,5-Pyrrolidinedione

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

Relevant identified uses

Use of the substance/mixture

: Laboratory chemicals, Manufacture of substances

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

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

No labelling applicable

2.3. Other hazards

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance type

Name

: Mono-constituent

SUCCINIMIDE

Product identifier

%

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 / info@ultrapurelab.com

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

 www.ultrapurelab.com

CAS-No.: 123-56-8

EC-No.: 204-635-6

SECTION 4: First aid measures

99

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

First-aid measures for first aider

: If you feel unwell, seek medical advice.

: Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary.

: Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash skin with plenty of water.

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

Symptoms/effects after ingestion

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

Unsuitable extinguishing media

Fire hazard

Explosion hazard

Hazardous decomposition products in case of fire

5.3. Advice for firefighters

Firefighting instructions

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

: Rinse mouth out with water. If you feel unwell, seek medical advice. Call a poison center or a doctor if you feel unwell.

: First aid workers will be equipped with suitable personal protective equipment.

: None under normal conditions. Dust of the product, if present, may cause respiratory irritation after excessive inhalation exposure.

: None under normal conditions. Dust may cause irritation in skin folds or by contact in

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 / info@ultrapurelab.com

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

 www.ultrapurelab.com

combination with tight clothing.

: None under normal conditions. Dust from this product may cause eye irritation.

: None under normal conditions.

: dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂). Water spray. Dry powder. Foam.

: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

: No fire hazard.

: No direct explosion hazard.

: Toxic fumes may be released.

: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting

4/9/2025 (Revision date)

: 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

General measures

For non-emergency personnel

Protective equipment

Emergency procedures

For emergency responders

Protective equipment

Emergency procedures

6.2. Environmental precautions

: Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

: Wear recommended personal protective equipment.

: Ventilate spillage area. Evacuate unnecessary personnel.

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

: Stop release. Evacuate unnecessary personnel.

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment

Methods for cleaning up

Other information

6.4. Reference to other sections

: Mechanically recover the product. Clear up rapidly by scoop or vacuum.

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 / info@ultrapurelab.com

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

 www.ultrapurelab.com

: 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

Additional hazards when processed

Precautions for safe handling

Hygiene measures

7.2. Conditions for safe storage, including any incompatibilities

Technical measures

Storage conditions

Packaging materials

7.3. Specific end use(s)

No additional information available

8.1. Control parameters

No additional information available

8.2. Exposure controls

: Using a clean shovel, put the material in a dry container and cover without compressing it.

: Not expected to present a significant hazard under anticipated conditions of normal use.

: Ensure good ventilation of the work station. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing.

: Always wash hands after handling the product. Do not eat, drink or smoke when using this product.

: Keep in a cool, well-ventilated place away from heat.

: Store in original container. Keep container tightly closed. Store in a dry place. Protect from moisture.

: Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protection equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Personal protective equipment symbol(s):

Eye and face protection

Eye protection:

Chemical goggles or safety glasses

Skin protection

Skin and body protection:

Wear a mask



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 / info@ultrapurelab.com

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

 www.ultrapurelab.com

Hand protection:

Protective gloves

Respiratory protection

Respiratory protection:

Wear appropriate mask

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 : Solid

Colour : Off white to light brown.

Appearance : Powder.

Molecular mass : 99.09 g/mol

Odour : Odourless.

Odour threshold : Not available

Melting point : 121 – 124 °C

Freezing point : Not applicable

Boiling point : 285 – 290 °C

Flammability : Non flammable.

Lower explosion limit : Not applicable

Upper explosion limit : Not applicable

Flash point : 201 °C

Auto-ignition temperature : Not applicable

Decomposition temperature : Not available

pH : 4.5 at 20 °C

pH solution concentration : 5 %

Viscosity, kinematic : Not applicable

Solubility : Water: 330 g/l at 20 °C - Soluble in water

Partition coefficient n-octanol/water (Log Kow) : Not available

Vapour pressure : Not available

Vapour pressure at 50°C : Not available

Density : 1.4 g/cm³ at 20 °C

Relative density : Not available

Relative vapour density at 20°C : Not applicable

Particle size : Not available

9.2. Other information

No additional information available

SUCCINIMIDE FOR SYNTHESIS

Safety Data Sheet

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 / info@ultrapurelab.com

 /  +91 7058322540 / +91 7378378726

 www.ultrapurelab.com

SECTION 10: Stability and reactivity

10.1. Reactivity

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

Direct sunlight. Air contact. Moisture.

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) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Skin corrosion/irritation : Not classified

pH: 4.5 at 20 °C

SUCCINIMIDE (123-56-8)

pH 4.5 at 20 °C

Serious eye damage/irritation : Not classified

pH: 4.5 at 20 °C

SUCCINIMIDE (123-56-8)

pH 4.5 at 20 °C

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified



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 / info@ultrapurelab.com

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

 www.ultrapurelab.com

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

SUCCINIMIDE FOR SYNTHESIS (123-56-8)

Viscosity, kinematic Not applicable

SUCCINIMIDE (123-56-8)

Viscosity, kinematic Not applicable

11.2. Information on other hazards

No additional information available



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

: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

: Not classified

: Not classified

SUCCINIMIDE

Persistence and degradability

Rapidly degradable

SUCCINIMIDE (123-56-8)

Persistence and degradability

Rapidly degradable

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



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 / info@ultrapurelab.com

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

 www.ultrapurelab.com

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation

Waste treatment methods

Sewage disposal recommendations

Product/Packaging disposal recommendations

Additional information

SECTION 14: Transport information

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

14.1. UN number or ID number

Not regulated for transport

: Disposal must be done according to official regulations.

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

: Disposal must be done according to official regulations.

: Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations.

: Do not re-use empty containers.

14.2. UN proper shipping name

Proper Shipping Name (ADR)

Proper Shipping Name (IMDG)

Proper Shipping Name (IATA)

Proper Shipping Name (ADN)

: Not regulated

: Not regulated

: Not regulated

: Not regulated

Proper Shipping Name (RID) : 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

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 / info@ultrapurelab.com

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

 www.ultrapurelab.com

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

EU-Regulations

REACH Annex XVII (Restriction List)

Not listed on REACH Annex XVII

REACH Annex XIV (Authorisation List)

Not listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Not listed on the PIC list (Regulation EU 649/2012)

POP Regulation (Persistent Organic Pollutants)

Not listed on the POP list (Regulation EU 2019/1021)

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 / info@ultrapurelab.com

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

 www.ultrapurelab.com

Ozone Regulation (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 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 the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

National regulations

Germany

Water hazard class (WGK)

Major Accidents Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen

SZW-lijst van mutagene stoffen

SZW-lijst van reprotoxische stoffen – Borstvoeding

SZW-lijst van reprotoxische stoffen –

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen – Ontwikkeling

Poland

Polish National Regulations

: WGK 1, Slightly hazardous to water (Classification according to AwSV; ID No. 10965).

: Is not subject to the Major Accidents Ordinance (12. BImSchV)

: The substance is not listed

: The substance is not listed

: The substance is not listed

: The substance is not listed

: The substance is not listed

: Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended; consolidated text J. o L. 2019, item 1225).

Act of 14 December 2012 on waste (J. o L. 2013, item 322 as amended; consolidated text J. o L. 2020, item 797).

The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).

Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).

Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2020, item 154).

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 / info@ultrapurelab.com

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

 www.ultrapurelab.com

Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. item 1286 as amended).

The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488)

Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166 as amended).

Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).

ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:

ACGIH American Conference of Government Industrial Hygienists

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

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE Acute Toxicity Estimate

BCF Bioconcentration factor

BLV Biological limit value

BOD Biochemical oxygen demand (BOD)

CAS-No. Chemical Abstract Service number

CLP Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008

COD Chemical oxygen demand (COD)

CSA Chemical safety assessment

DMEL Derived Minimal Effect level

DNEL Derived-No Effect Level

EC-No. European Community number

EC50 Median effective concentration

ED Endocrine disruptor

EN European Standard

EWC European waste catalogue

IARC International Agency for Research on Cancer

IATA International Air Transport Association

IMDG International Maritime Dangerous Goods

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 / info@ultrapurelab.com

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

 www.ultrapurelab.com

LC50 Median lethal concentration

LD50 Median lethal dose

LOAEL Lowest Observed Adverse Effect Level

Log Kow Partition coefficient n-octanol/water (Log Kow)

Log Pow Partition coefficient n-octanol/water (Log Pow)

MAK maximum workplace concentration

NOAEC No-Observed Adverse Effect Concentration

NOAEL No-Observed Adverse Effect Level

NOEC No-Observed Effect Concentration

N.O.S. Not Otherwise Specified

OECD Organisation for Economic Co-operation and Development

OEL Occupational Exposure Limit

OSHA Occupational Safety & Health Administration

PBT Persistent Bioaccumulative Toxic

SUCCINIMIDE FOR SYNTHESIS

Safety Data Sheet

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

Abbreviations and acronyms:

PNEC

PPE

RID

SDS

STP

TF

ThOD

TLM

TWA

Predicted No-Effect Concentration

Personal protection equipment

Regulations concerning the International Carriage of Dangerous Goods by Rail

Safety Data Sheet

Sewage treatment plant

Technical function

Theoretical oxygen demand (ThOD)

Median Tolerance Limit

Time Weighted Average

VOC

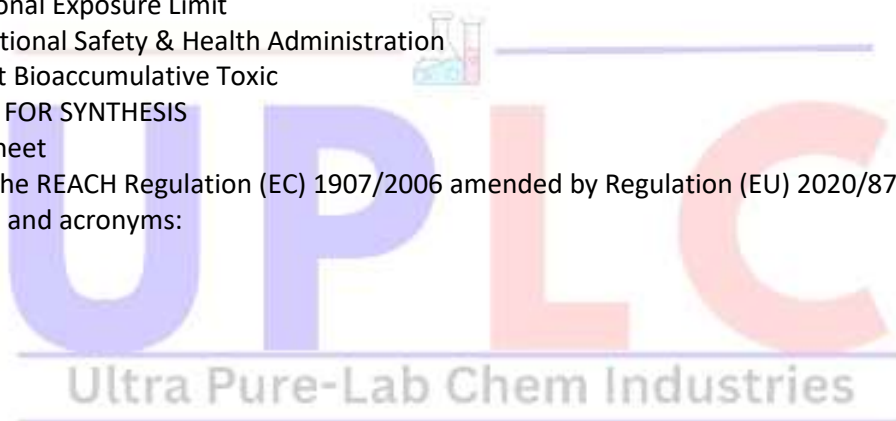
vPvB

UFI

Volatile Organic Compounds

Very Persistent and Very Bioaccumulative

Unique Formula Identifier





ULTRA PURE-LAB CHEM INDUSTRIES (LLP)



ISO 9001 Quality System Certified Organization

MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS

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

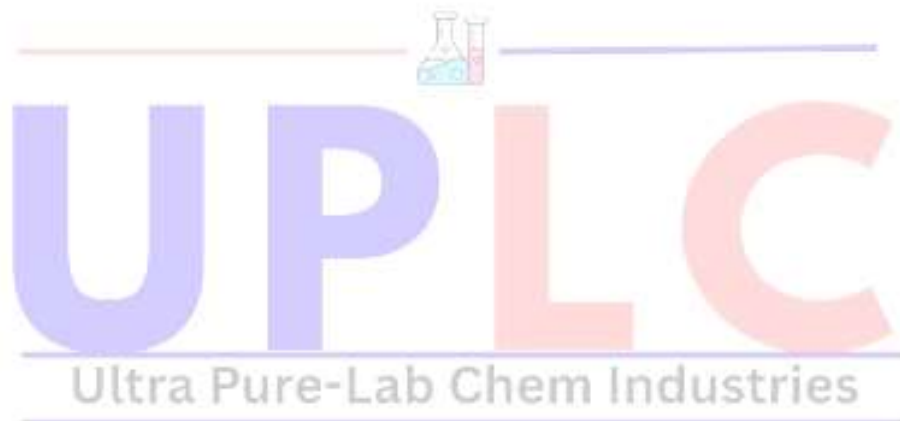
 sales@ultrapurelab.com / info@ultrapurelab.com

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

 www.ultrapurelab.com

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.



ULTRA PURE-LAB CHEM INDUSTRIES (LLP)

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

Palghar-401102.  +91 7058322540