



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

PHLOROGLUCINOL

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

1.1. Product identifier

Product form

Trade name : PHLOROGLUCINOL

EC-No. : 203-611-2

CAS-No. : 108-73-6

Formula : C₆H₆O₃

Chemical structure

Synonyms

: Substance

: Phloroglucine, 1,3,5-benzenetriol, 1,3,5-trihydroxybenzene or cyclohexane-1,3,5-trione

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, Manufacture of substances

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

Skin sensitisation, Category 1

Specific target organ toxicity – Single exposure, Category 3,

Respiratory tract irritation

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

H315

H319

H317

H335

Adverse physicochemical, human health and environmental effects

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

2.2. Label elements

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

Hazard pictograms (CLP)

Signal word (CLP)

Hazard statements (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 / info@ultrapurelab.com

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

 www.ultrapurelab.com

Precautionary statements (CLP)

2.3. Other hazards

:

GHS07

: Warning

: H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H335 - May cause respiratory irritation.

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

P264 - Wash hands, forearms and face thoroughly after handling.

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

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

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

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

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance type

Name

CAS-No.

EC-No.

Name

: Mono-constituent

: PHLOROGLUCINOL

: 108-73-6

: 203-611-2

Product identifier

PHLOROGLUCINOL

CAS-No.: 108-73-6

EC-No.: 203-611-2

%

99

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation

First-aid measures after skin contact

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

First-aid measures after eye contact

First-aid measures after ingestion

: Remove person to fresh air and keep comfortable for breathing. Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

: Wash with plenty of water/... Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). Gently wash with plenty of soap and water. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash 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. 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.

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

Symptoms/effects

Symptoms/effects after inhalation

Symptoms/effects after skin contact

Symptoms/effects after eye contact

: May cause damage to organs.

: May cause respiratory irritation.

: Causes skin irritation. Irritation. May cause an allergic skin reaction.

: Causes serious eye 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

Unsuitable extinguishing media

: 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

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

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

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

Emergency procedures

6.2. Environmental precautions

: Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes.

Avoid breathing dust/fume/gas/mist/vapours/spray.

: Do not attempt to take action without suitable protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray. For further information refer to section 8: "Exposure controls/personal protection".

: Stop release.

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Other information

6.4. Reference to other sections

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

: 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

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

Hygiene measures

: Wash hands, forearms and face thoroughly after handling. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. 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)

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

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

No additional information available

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:

Ensure good ventilation of the work station.



8.2.2. Personal protection equipment

Personal protective equipment:

Wash hands, forearms and face thoroughly after handling.

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

23.08.2023 (Revision date)

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not breathe dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid

Colour : White to yellowish white.



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

Appearance : Powder.

Molecular mass : 126,11 g/mol

Odour : Odourless.

Odour threshold : Not available

Melting point : 215 – 220 °C

Freezing point : Not applicable

Boiling point : Not available

Flammability : Non flammable.

Lower explosion limit : Not applicable

Upper explosion limit : Not applicable

Flash point : Not applicable

Auto-ignition temperature : Not applicable

Decomposition temperature : Not available

pH : Not available

pH solution : Not available

Viscosity, kinematic : Not applicable

Solubility : Water: Partially soluble in water

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

Vapour pressure : Not available

Vapour pressure at 50 °C : Not available

Density : 1,46 g/cm³

Relative density : Not available

Relative vapour density at 20 °C : 4,3

Particle size : Not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

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.

PHLOROGLUCINOL

Safety Data Sheet

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

10.4. Conditions to avoid

Direct sunlight. Air contact. Moisture.

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

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

Reproductive toxicity

STOT-single exposure

STOT-repeated exposure

Aspiration hazard

: Not classified

: Not classified

: Not classified

: Causes skin irritation.

: Causes serious eye irritation.

: May cause an allergic skin reaction.

: Not classified

: Not classified

: Not classified

: May cause respiratory irritation.

: Not classified

: Not classified

PHLOROGLUCINOL AR (108-73-6)

Viscosity, kinematic

11.2. Information on other hazards

Not applicable

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general

Hazardous to the aquatic environment, short-term

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

(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

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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods

Product/Packaging disposal recommendations

SECTION 14: Transport information

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

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

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)

14.3. Transport hazard class(es)

: Not regulated

: Not regulated

: 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

: Not regulated

: Not regulated

ADR

Transport hazard class(es) (ADR)

IMDG

Transport hazard class(es) (IMDG)

IATA

Transport hazard class(es) (IATA)

ADN

Transport hazard class(es) (ADN)

RID

Transport hazard class(es) (RID)

14.4. Packing group

: Not regulated

: Not regulated

: Not regulated

: Not regulated

: Not regulated

Packing group (ADR)

Packing group (IMDG)

Packing group (IATA)

Packing group (ADN)

Packing group (RID)

14.5. Environmental hazards

: Not regulated

: Not regulated

: Not regulated

: Not regulated

: Not regulated

Dangerous for the environment

Marine pollutant

Other information

: No

: No

: No supplementary information available

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated



UPLC
Ultra Pure-Lab Chem Industries



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

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

No REACH Annex XVII restrictions

REACH Annex XIV (Authorisation List)

PHLOROGLUCINOL AR is not on the REACH Annex XIV List

REACH Candidate List (SVHC)

PHLOROGLUCINOL AR is not on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

PHLOROGLUCINOL AR 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)

PHLOROGLUCINOL AR 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)

PHLOROGLUCINOL 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

Water hazard class (WGK)

Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen

SZW-lijst van mutagene stoffen

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

: WGK 2, Significantly hazardous to water (Classification according to AwSV; ID No. 2945).

:

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

: The substance is not listed

: 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 : The substance is not listed

Denmark

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

Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:

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)

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

LOAEL Lowest Observed Adverse Effect Level

NOAEC No-Observed Adverse Effect Concentration

NOAEL No-Observed Adverse Effect Level

NOEC No-Observed Effect Concentration

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

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)

Abbreviations and acronyms:

TLM

VOC

CAS-No.

N.O.S.

vPvB

Median Tolerance Limit

Volatile Organic Compounds

Chemical Abstract Service number

Not Otherwise Specified

Very Persistent and Very Bioaccumulative

ED

Endocrine disrupting properties

Full text of H- and EUH-statements:

Eye Irrit. 2

H315

H317

H319

H335

Skin Irrit. 2

Serious eye damage/eye irritation, Category 2

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

May cause respiratory irritation.

Skin corrosion/irritation, Category 2

Skin Sens. 1

STOT SE 3

Skin sensitisation, Category 1

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



ULTRA PURE-LAB CHEM INDUSTRIES (LLP)



ISO 9001 Quality System Certified Organization

MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS

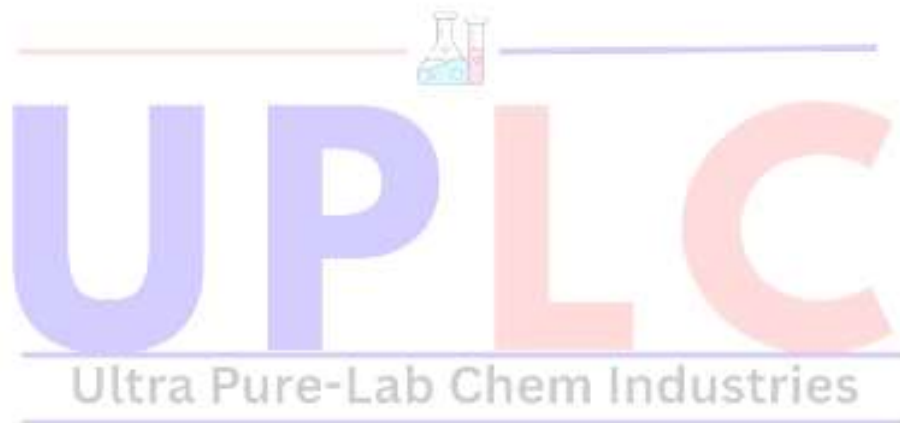
Address : H.No.712/3, sainagar, Palghar mumbai 401102

 sales@ultrapurelab.com / info@ultrapurelab.com

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

 www.ultrapurelab.com

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