

SAFETY DATA SHEETS

According to Globally Harmonized System of Classification and Labelling of Chemicals (GHS) - Sixth revised edition

Version: 1.0

Creation Date: Dec 17, 2021

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SECTION 1. Identification of the substance

Product identifiers

Product name: 6,6'-Di-tert-butyl-2,2'-methylenedi-p-cresol

CAS-No.: 119-47-1

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

Identified uses: Laboratory chemicals, Manufacture of substances

Details of the supplier of the safety data sheet

Company: CHEMLYTE SOLUTIONS CO., LTD

Address: A1-3-830, XiXi Center, No. 588, Wenyi West Road, Hangzhou 310000,
Zhejiang, China

Telephone: +86-(571)-85061365

Fax : +86-(571)-85060165

Emergency telephone number

Emergency Phone # : +1-703-527-3887

SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

According to Regulation (EC) No 1272/2008

Eye irritation (Category 2)

According to European Directive 67/548/EEC as amended.

Irritating to eyes.

Label elements

Pictogram:



Signal word: Warning

Hazard statement(s)

H319: Causes serious eye irritation.

Precautionary statement(s)

P305+P351+P338 IF IN EYES : Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Hazard symbol(s)

Xi Irritant

R-phrase(s)

R36 Irritating to eyes.

S-phrase(s)

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Other hazards-none

★GHS classification★

Physical hazards:

Explosive: Not applicable

Flammable gases: Not applicable

Flammable aerosols: Not applicable

Oxidizing gas: Not applicable

Compressed gas: Not applicable

Flammable liquids: Not applicable

Flammable solids: Unclassifiable

Self-reactive substances and mixtures: Not applicable

Pyrophoric liquids: Not applicable

Pyrophoric solids: Unclassified

Self-heating substances and mixtures: Unclassifiable

In contact with water releases flammable gas Substances and mixtures: Not applicable

Oxidized liquid: Not applicable

Oxidizing solids: Not applicable

Organic peroxide: Not applicable

Metal corrosion: Unclassifiable

Health hazards:

Acute toxicity (oral): Category 4

Acute toxicity (percutaneous): Category 5

Acute toxicity (inhalation gas): Not applicable

Acute toxicity (inhalation steam): Unclassifiable

Acute toxicity (inhalation Dust and smoke): Unclassifiable

Skin corrosion / irritation: Category 3

Serious eye damage / eye irritation: Category 2B

Allergic - Respiratory: Unclassified

Allergic - Skin: Category 1

Germinal mutation: Unclassified

Carcinogenicity: Unclassified

Reproductive toxicity: Unclassified

Specific target organ toxicity (single exposure): Category 1 (nervous system)

Specific target organ toxicity (repeated exposure): Category 2 (lungs, liver, thyroid)

Inhale harmful: Unclassifiable

Environmental hazards:

Harmful to the aquatic environment - acute toxicity

Category 1 Acute toxicity

The danger to the aquatic environment - chronic toxicity

Chronic Toxicity Category 1

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula : C₂₃H₃₂O₂ Molecular Weight : 340.50

CAS—No.	EC—No.	Classification	Concentration
6,6'-Di-tert-butyl-2,2'-methylenedi-p-cresol			
119-47-1	204-327-1	Eye Irrit.2; H319 Xi, R36	-

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

SECTION 4. 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

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

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

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection

Conditions for safe storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95(US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN(EU).

Hand protection

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Handle with gloves.

Eye protection

Safety glasses with side-shields conforming to EN166

Skin and body protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form solid

Safety data

pH: no data available

Melting point: 122-127°C-lit.

Boiling point: no data available

Flash point: no data available

Ignition temperature: no data available

Lower explosion limit: no data available

Upper explosion limit: no data available

Water solubility: no data available

SECTION 10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Conditions to avoid

no data available

Materials to avoid

Strong oxidizing agents

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions.-Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity**

LD50 Oral-mouse-11.000 mg/kg

Skin corrosion/irritation**Serious eye damage/eye irritation**

Eyes-rabbit-Moderate eye irritation-24h

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

no data available

Specific target organ toxicity-single exposure

no data available

Specific target organ toxicity-repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects**Inhalation**

May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion

May be harmful if swallowed.

Skin May be harmful if absorbed through skin.

May cause skin irritation.

Eyes

Causes eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: PA3500000

SECTION 12. ECOLOGICAL INFORMATION**Toxicity**

no data available

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

PBT and vPvB assessment

no data available

Other adverse effects

no data available

SECTION 13. DISPOSAL CONSIDERATIONS**Product**

Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging

Dispose of as unused product

SECTION 14. TRANSPORT INFORMATION**ADR/RID**

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15. REGULATORY INFORMATION

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

SECTION 16. Other information**Text of H-code(s) and R-phrase(s) mentioned in Section 3**

Eyes Irrit. : Eye irritation

H319: Causes serious eye irritation.

Xi: Irritant

R36: Irritating to eyes.

Further information

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