

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

Revision Date: Dec 17, 2021

SECTION 1. Identification of the substance

Product identifiers

Product name: 2-(2H-benzotriazol-2-yl)-6-(dodecyl)-4-methylphenol

CAS-No.: 125304-04-3

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 COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient Name: 2-(2H-benzotriazol-2-yl)-6-(dodecyl)-4-methylphenol

CAS No.: 125304-04-3

Assay, %: 100%

SECTION 3 HAZARDS IDENTIFICATION

GHS hazard category:

Specific target organ toxicity - repeated exposure (Category 2)

Harmful to the aquatic environment - long-term (chronic) hazards (Category 2)

Hazard Statement

H373 - Long term or repeated exposure may cause organ damage.

H411 - Toxic to aquatic organisms and has long-term and sustained effects.

Label elements: Pictogram:



Signal word: warning

Precautionary statement:

Precaution:

——P273 Avoid release into the environment.

Incident response:

——P391 Collect spillage.

Safe storage: Keep cool, dark and sealed

Disposal:

——P501 Dispose of contents/container according to local regulations.

SECTION 4 FIRST AID MEASURE

Inhalation: Remove from exposure area to fresh air immediately. Perform artificial respiration if necessary. Get medical attention immediately.

Skin Contact: Wash with large volumes of soap and water for at least 15 minutes.

If irritation develops, get medical attention.

Eye Contact: Wash eyes immediately with large amounts of water or normal saline, occasionally lifting upper and lower lids, until no evidence of chemical remains (at least 15-20 minutes).

Ingestion: Get medical attention immediately.

Note to Physician: Do not induce vomiting. Get medical attention immediately. No information available.

SECTION 5 FIRE FIGHTING MEASURES

Fire and Explosion Hazard: Under fire conditions, toxic and irritating fumes may be emitted.

Dense black smoke may be emitted.

Under elevated temperatures, hydrolysis may produce phosphine.

Dust-air mixtures may ignite or explode.

Extinguishing Media: Carbon dioxide, dry chemical, foam, water mist.

Firefighting: Wear a self-contained breathing apparatus and protective clothing to prevent skin and eye contact in fire situations.

Use agents suitable for type of surrounding fire. Avoid breathing hazardous vapors, keep upwind.

Flash Point: No data available

Lower Flammable Limit: No data available

Upper Flammable Limit: No data available

Autoignition: No data available

Hazardous Combustion Products: No data available

SECTION 6 ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Avoid releasing to the environment.

Meets the water to decompose the phosphoric acid and alcohol, causes the environmental pollution, increases COD .

Personal Precautions: Do not breathe dust. Eliminate sources of ignition.

Avoid contact with skin and eyes.

Accidental Release Measures: Shut off all sources of ignition.

Wearing appropriate personal protective equipment.

Large spill : Place in suitable labeled container for disposal by a licensed container.

Small spill : Sweep or vacuum and place into suitable labeled container for disposal with wearing protective.

SECTION 7 HANDLING AND STORAGE

Handling: Use appropriate personal protection equipment.

Avoid eye, skin and clothing contact.

Avoid breathing dust and creating a dusting situation.

Keep away from heat, sparks and flame.

All equipment should be properly grounded.

Prevent buildup of static electricity.

Storage: Store in a cool, dry, well-ventilated area away from incompatible materials.

Store away from incompatible substances.

Protect from exposure to air.

Store in tightly closed containers.

SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits: No occupational exposure limits established by OSHA, ACGIH, or NIOSH.

Ventilation: Provide local exhaust ventilation.

Ventilation equipment should be explosion-proof if explosive concentrations of dust, vapor or fume are present.

Eye Protection: Employee must wear splash-proof or dust-resistant safety goggles to prevent eye contact with this substance.

Employee must wear splash-proof or dust-resistant safety goggles to prevent eye contact with this substance.

Clothing: Employee must wear appropriate protective (impervious) clothing and equipment to prevent repeated or prolonged skin contact with this substance.

Gloves: Employee must wear appropriate protective gloves to prevent contact with this substance.

Respirator: None required in normal use.

NIOSH approved full face organic respiratory protection required in the absence of proper environmental control.

For emergencies, a self-contained breathing apparatus and full chemical resistant suit.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Description: Yellow transparent liquid

Molecular Weight: 394

Molecular Formula: C₂₅H₃₅N₃O

Boiling Point(°C): No data

Melting Point(°C): >350

Flash point(°C): 174

Water solution(%): No data

Vapor tension(20°C): No data

Density(25 °C): 0.940-1.000

SECTION 10 STABILITY AND REACTIVITY

Reactivity: Stable under normal temperatures and pressures.

Stability: Conditions to avoid : None.

Conditions To Avoid: Strong acids, strong bases and strong oxidizing agents.

Hazardous Decomposition: Thermal decomposition products may include toxic oxides of carbon, oxides of nitrogen, hydrogen chloride and/or chlorine.

Polymerization: Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity: No data

Carcinogen Status: No data

Acute Toxicity Level: No data

Persistence and degradation: Avoid releasing into the natural environment

SECTION 12 ECOLOGICAL INFORMATION

Ecological Information: No data

Acute Aquatic Toxicity: No data

Degradability: No data

Log Octanol/Water Partition Coefficient: No data

SECTION 13 DISPOSAL CONSIDERATIONS

General: Dispose of in accordance with appropriate federal, state, and local regulations.

Incinerate in a furnace where permitted under appropriate federal, state, and local regulations.

SECTION 14 TRANSPORT INFORMATION

Main hazard: Class 9

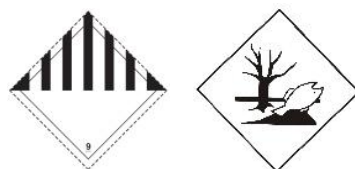
Hazardous substances - miscellaneous substances and articles, which are marine pollutants;

UN NO: UN 3082

Official transportation Name: Environmentally hazardous substance, liquid, n.o.s. 2-(2H-benzotriazol-2-yl)-6-(dodecyl)-4-methylpheno

Packing category: III

Dangerous goods label graphics:



SECTION 15 REGULATORY INFORMATION

TSCA Inventory Status: Y

CERCLA Section 103(40CFR302.40): N

SARA Section 302(40CFR355.30): N

SARA Section 304(40CFR355.40): N

SARA Section 313(40CFR372.65): N

Acute Hazard: N

Chronic Hazard: N

Fire Hazard: N

Reactivity Hazard: N

Sudden Release Hazard: N

SECTION 16: Other information

Further information

Copyright 2021 Chemlyte Solutions Co., Ltd granted to make unlimited paper copies for internal use only.