

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)
Classifications according to Regulation (EC) No 1272/2008.
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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product name:

4-Isopropyl-3-methylphenol

1.1. Catalog No.:

684724

1.2. Relevant identified uses of the substance or mixture

Identified: Laboratory chemical
uses: R&D

1.3. Uses advised against:

HPC Standards GmbH
Am Wieseneck 7

04451 Cunnersdorf
Deutschland

Tel. +49 34291 3372-36
Fax. +49 34291 3372-39
contact@hpc-standards.com

1.4. Emergency telephone number

HPC Standards Tel. +49 34291 3372-36
This number is only available during office hours.

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 Skin irritation (Category 2), H315 Eye irritation (Category 2), H319 Specific target organ toxicity -single exposure (Category 3), Respiratory system, H335

2.2. Label elements

2.2.1. Pictogram



2.2.2.

2.2 Label elements Labelling according Regulation (EC) No 1272/2008 Pictogram Signal word Warning Hazard statement(s) H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. Precautionary statement(s) P261 Avoid breathing dust. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Supplemental Hazard Statements none 2.3 Other hazards This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances Formula: C₁₀H₁₄O Molecular weight: 150.22 g/mol CAS-No.: 3228-02-2 EC-No.: 221-761-7 Hazardous ingredients according to Regulation (EC) No 1272/2008 Component Classification Concentration 4-Isopropyl-m-cresol CAS-No. EC-No. 3228-02-2 221-761-7 Skin Irrit. 2; Eye Irrit. 2; STOT SE3; H315, H319, H335 <= 100%

3.1.1. Formula

C₁₀H₁₄O

3.1.2. Molecular Weight (g/mol)

150.22

3.1.3. CAS-No.

3228-02-2

4. FIRST AID MEASURES

4.1 Description of 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. 4.2 Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 1.1. 4.3 Indication of any immediate medical attention and special treatment needed No data available

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide 5.2 Special hazards arising from the substance or mixture Carbon oxides 5.3 Advice for firefighters Wear

self-contained breathing apparatus for firefighting if necessary.5.4Further informationNo data available

6. ACCIDENTAL RELEASE MEASURES

6.1Personal precautions, protective equipment and emergency proceduresUse personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.For personal protection see section 8.6.2Environmental precautionsDo not let product enter drains.6.3Methods and materials for containment and cleaning upPick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.6.4Reference to other sectionsFor disposal see section 13

7. HANDLING AND STORAGE

7.1Precautions for safe handlingAvoid contact with skin and eyes. Avoid formation of dust and aerosols.Provide appropriate exhaust ventilation at places where dust is formed.For precautions see section 2.2.7.2Conditions for safe storage, including any incompatibilitiesStore in cool place.Keep container tightly closed in a dry and well-ventilated place.Storage class (TRGS 510): Non Combustible Solids7.3Specific end use(s)Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1Information on basic physical and chemical propertiesa)AppearanceForm: crystallineColour: whiteb)OdourNo data availablec)Odour ThresholdNo data availabled)pHNo data availablee)Melting point/freezing pointMelting point/range: 111 -114 °C-lit.f)Initial boiling point and boiling rangeNo data availableg)Flash pointNo data availableh)Evaporation rateNo data availablei)Flammability (solid, gas)No data availablej)Upper/lower flammability or explosive limitsNo data availablek)Vapour pressureNo data availablel)Vapour densityNo data availablem)Relative densityNo data availablen)Water solubilityNo data availableo)Partition coefficient: n-octanol/waterNo data availablep)Auto-ignition temperatureNo data availableq)Decomposition temperatureNo data availablerr)ViscosityNo data availables)Explosive propertiesNo data availablet)Oxidizing propertiesNo data available9.2Other safety informationNo data available

10. STABILITY AND REACTIVITY

10.1 Reactivity No data available 10.2 Chemical stability Stable under recommended storage conditions. 10.3 Possibility of hazardous reactions No data available 10.4 Conditions to avoid No data available 10.5 Incompatible materials Strong oxidizing agents, Strong bases 10.6 Hazardous decomposition products Hazardous decomposition products formed under fire conditions. -Carbon oxides Other decomposition products -No data available In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects Acute toxicity LD50 Oral-Mouse-6,280 mg/kg (4-Isopropyl-m-cresol) Remarks: Peripheral Nerve and Sensation: Spastic paralysis with or without sensory change. Lungs, Thorax, or Respiration: Respiratory stimulation. Skin corrosion/irritation No data available (4-Isopropyl-m-cresol) Serious eye damage/eye irritation No data available (4-Isopropyl-m-cresol) Respiratory or skin sensitisation No data available (4-Isopropyl-m-cresol) Germ cell mutagenicity No data available (4-Isopropyl-m-cresol) 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 (4-Isopropyl-m-cresol) Specific target organ toxicity -single exposure Inhalation-May cause respiratory irritation. (4-Isopropyl-m-cresol) Specific target organ toxicity -repeated exposure No data available Aspiration hazard No data available (4-Isopropyl-m-cresol) Additional Information RTECS: GZ7170000 Depending on the intensity and duration of exposure, effects may vary from mild irritation to severe destruction of tissue., prolonged or repeated exposure can cause:., Damage to the eyes., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. (4-Isopropyl-m-cresol)

12. ECOLOGICAL INFORMATION

12.1 Toxicity No data available 12.2 Persistence and degradability No data available 12.3 Bioaccumulative potential No data available 12.4 Mobility in soil No data available (4-Isopropyl-m-cresol) 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. 12.6 Other adverse effects No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chem scrubber. Contaminated packaging Dispose of as unused product

14. TRANSPORT INFORMATION

14.1 UN number ADR/RID: -IMDG: -IATA: -14.2 UN proper shipping name ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods 14.3 Transport hazard class(es) ADR/RID: -IMDG: -IATA: -14.4 Packaging group ADR/RID: -IMDG: -IATA: -14.5 Environmental hazards ADR/RID: no IMDG Marine pollutant: no IATA: no 14.6 Special

precautions for userNo data available

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. 15.2 Chemical safety assessment For this product a chemical safety assessment was not carried out

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. For lab use only!