

THYMOL, CRYSTAL, EXTRA PURE

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Product Name: THYMOL, CRYSTAL, EXTRA PURE

Product Code: 2343

CAS#: 89-83-8

Synonym: Not available

Molecular Weight: 150.22

Chemical Formula: C₁₀ H₁₄O

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Composition:

Product Name: THYMOL, CRYSTAL, EXTRA PURE

Synonym: Not available

Molecular Weight: 150.22

Chemical Formula: C₁₀ H₁₄O

SECTION 3: HAZARDS IDENTIFICATION

Classification of the substance or mixture: Classification according to Regulation (EC) No 1272/2008 :

Acute toxicity, Oral (Category 4), H302

Skin corrosion (Sub-category 1B), H314

Serious eye damage (Category 1), H318

Long-term (chronic) aquatic hazard (Category 2), H411

Classification according to EU Directives 67/548/EEC or 1999/45/EC: Not a hazards substance or mixture

SECTION 4: FIRST AID MEASURES

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: Flush eyes with water as a precaution.

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

Most important symptoms and effects, both acute and delay: Not available

Indication of any immediate medical attention and special treatment needed: Not available

SECTION 5: FIRE AND EXPLOSION DATA

Extinguishing media:

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture: Not available

Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust.



Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers.

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.

Conditions for safe storage, including any incompatibilities: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Specific end use(s) A part from the uses: no other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls:

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

Personal protective equipment:

Eye/face protection: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|-----------------------|
| Appearance Form | : Transparent crystal |
| Colour | : Not available |
| Odour | : Not available |
| Odour Threshold | : Not available |
| pH | : Not available |
| Melting point/freezing point | : Not available |
| Initial boiling point and boiling range | : Not available |
| Flash point | : Not available |
| Evaporation rate | : Not available |
| Flammability (solid, gas) | : Not available |
| Upper/lower flammability or explosive limits | : Not available |
| Vapour pressure | : Not available |
| Relative density | : Not available |
| Water solubility | : Not available |
| Partition coefficient | : Not available |
| Auto-ignition temperature | : Not available |

SECTION 10: STABILITY AND REACTIVITY DATA

Reactivity: Not available

Chemical stability: Stable under recommended storage conditions



Possibility of hazardous reactions: Violent reactions possible with: Strong bases strong oxidising agents

Conditions to avoid: Not available

Incompatible materials: Not available

Hazardous decomposition products Other decomposition products: Not available.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects: LD50 Oral - Rat - male and female - 980 mg/kg Remarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2) (ECHA) Acute toxicity estimate Oral - 980 mg/kg (Calculation method) Inhalation: No data available LD50 Dermal - Rat - male and female - > 2.000 mg/kg Remarks: (ECHA)

Inhalation: Not available

Dermal: Not available

Skin corrosion/irritation: Skin - Rabbit Result: Causes burns. - 4 h (OECD Test Guideline 404) Remarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2)

Serious eye damage/eye irritation: Not available

Respiratory or skin sensitization: Not 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: Not available

Specific target organ toxicity: Not available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: Toxicity to fish static test LC50 - Pimephales promelas (fathead minnow) - 3,2 mg/l - 96 h

Persistence and degradability: Biodegradability aerobic - Exposure time 28 d Result: 83 % - Readily biodegradable. (Closed Bottle test) Chemical Oxygen Demand (COD) 2.690 mg/g Remarks: (IUCLID) Theoretical oxygen demand 2.760 mg/g Remarks: (IUCLID)

Bio accumulative potential: Not available

Mobility in soil: Not available

Results of PBT and vPvB assessment PBT/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

Other adverse effects: Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods: Waste must be disposed of in accordance with federal, state and local environmental control regulations

SECTION 14: TRANSPORT INFORMATION

ADR/RID: 2430

IMDG: 2430

IATA: 2430

UN proper shipping name

ADR/RID: Alkylphenols, solid, n.o.s.

IMDG: Alkylphenols, solid, n.o.s.

IATA: Alkylphenols, solid, n.o.s.

Transport hazard class(es):

ADR/RID: 8

IMDG: 8

IATA: 8

Packaging group:

ADR/RID: III

IMDG: III

IATA: III

Environmental hazards:



ADR/RID: YES

IMDG Marine pollutant: YES

IATA: YES

SECTION 15: OTHER REGULATORY INFORMATION

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

SECTION 16: OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3:

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects

Other Special Considerations: Not available

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.

