

## 1. Identification of the substance/preparation and of the company/undertaking

Terpineol

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## 2. Hazards identification

### Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Skin corrosion/irritation (Category 2)

Serious eye damage/eye irritation (Category 2A)

### Label elements

Pictogram



Signal word Warning

### Hazard statement(s)

H315 Causes skin irritation.

H319 Causes serious eye irritation.

### Precautionary statement(s)

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ eye protection/ face protection.

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

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

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

### Supplemental Hazard Statements

none

## 3. Composition/information on ingredients

Terpineol

CAS-No.: 8000-41-7

154.25 g/mol

Molecular formula: C<sub>10</sub> H<sub>16</sub> O

## 4. First aid measures

**If inhaled**

**In case of skin contact**

**In case of eye contact**

**If swallowed**

**5. Fire-fighting measures**

**Suitable extinguishing media**

**Advice for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary.

**6. Accidental release measures**

**Personal precautions**

Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. 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**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

**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**

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

**8. Exposure controls and personal protection**

**Appropriate engineering controls**

General industrial hygiene practice.

**Personal protective equipment**

**Eye/face protection**

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.

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

**Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

**9. Physical and chemical properties**

**Form:** Viscous liquid or crystal

**Colour:** Colorless to yellowish clear

**Odour:** not available

**pH value:** not available

**Melting point:** 31~34°C

**Boiling point:** 214~224°C

**Ignition temperature:** not available

**Flash point:** 88°C

**Autoignition temperature:** not available

**Explosion limits**

**lower:** not available

**upper:** not available

**Density :** 0.94

**Bulk density:** not available

**Solubility in**

**water (20 °C) :** slightly insoluble in water

**diluted acids (20 °C) :** not available

**Thermal decomposition:** not available

**10. Stability and reactivity****Chemical stability**

Stable under recommended storage conditions.

**Conditions to avoid**

not available

**Materials to avoid**

Oxidant

**Hazardous decomposition products**

Other decomposition products - no data available

**11. Toxicological information****Acute toxicity**

LD50 Oral - Rat - male and female - > 2,000 mg/kg

LC50 Inhalation - Rat - male and female - - 4 h - > 4.76 mg/l

LD50 Dermal - Rat - male and female - > 2,000 mg/kg

**Skin corrosion or irritation**

### Serious eye damage or eye irritation

### Respiratory or skin sensitization

## Germ cell mutagenicity

## Reproductive toxicity

## 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. **EU C<sub>v</sub> S<sub>0</sub> HDN<sub>1</sub> C<sub>3</sub> %Av<sub>0</sub> %G<sub>0</sub> datgenicity**

**IATA**

UN-Number:      Class:      Packing group: -

Proper shipping name:

**15. Regulatory information**

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

**16. Other information**

General update.

This information is given on the authorised Safety Data Sheet for your country.