

# MATERIAL SAFETY DATA SHEET

## Distributor

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## Product identification

Product name: TERPINYL ACETATE  
Chemical Formula: C<sub>12</sub>H<sub>20</sub>O<sub>2</sub>  
CAS Number: 80-26-2  
EINECS Number: 201-265-7  
Usage: flavor and fragrance ingredient.

## Composition/information on ingredients

TERPINYL ACETATE: 95% min.

## Hazards identification

This substance is not classified as dangerous according to EU Directive 1999/45/EC. Prolonged contact of eyes or skin with the substance may cause irritation.

## First aid measures

Inhalation: Seek fresh air immediately.  
Eye Contact: Flush with water for at least 15 minutes.  
Skin Contact: Remove contaminated clothing. Wash affected areas with plenty of soap and water.  
Ingestion: Drink lots of water to dilute substance.  
**If getting worse, get medical attention immediately.**

## Fire fighting measures

Suitable Media: Carbon dioxide, dry chemical, foam.  
Unsuitable Media: If water must be used, use spray only.  
Special Hazards: Avoid heat, sparks and open flames.

## Accidental release measures

Personal Precautions: Standard turnout gear for combustible liquids.  
Environmental Precautions: Do not allow the substance or solutions of the substance to be discharged into lakes, streams, ponds or public waters.  
Cleanup Procedures: Small spills should be absorbed by dirt, sand, vermiculate, or other suitable absorbent.  
Large spills may be pumped (if liquid) or scooped (if solid) into closed containers for recovery or disposal.

## Handling and storage

Handling: Wear safety glasses or goggles, rubber gloves and apron when handling material. If transferring to or from the container, use proper grounding procedures.  
Storage: Do not store in close proximity to excessive heat, open flames, strong acids or strong bases. To minimize product degradation, avoid prolonged exposure of the substance to air. Keep container tightly closed when not in use.  
Ventilation: Mechanical exhaust may be needed in confined and poorly ventilated areas.

## Exposure controls/Personal protection

Exposure Limits: None found.  
Respiratory Protection: A respirator is not normally required. If vapor concentration is suspected to be high use a NIOSH approved organic vapor respirator.

Eye Protection: Wear safety glasses or goggles.  
Hand Protection: Wear industrial type rubber gloves.  
Skin Protection: A rubber apron is recommended when handling the material for extended periods of time.  
Personal Hygiene: Wash hands and other exposed areas of skin with soap and water after handling.

## Physical and chemical properties

Appearance: clear colorless liquid  
Odor: citrus-like, lavender-like  
Content : 95% min.  
Refractive index (NaD 20 deg C): 1.4640 - 1.4670  
Relative gravity (D 20/4): 0.9550 - 0.9650  
Acid value (mgKOH/g): 1.0 max.  
Flash point : 85 deg C (closed cup)

## Stability and reactivity data

Stability: Substance is stable and unreactive under conditions of normal use.  
Conditions to Avoid: Prolonged or excessive heat and/or exposure to air may cause non-hazardous decomposition and/or oxidation of the substance.  
Materials to Avoid: Avoid contact with strong acids, strong bases, and materials that react with unsaturated hydrocarbons, esters.  
Hazardous Decomposition Products:  
Carbon dioxide, carbon monoxide, acrid fumes.

## Toxicological information

Primary Target Organs: Skin  
Primary Entry Route(s): Skin.  
Acute Toxicity: Parameter Result  
Acute Oral Toxicity: LD50 (rat): 5080 mg/kg  
Acute Inhalation Toxicity: LC50 > 1000 mg/M3  
Acute Dermal Toxicity: Not determined  
Eye Irritancy: Prolonged contact with the undiluted material may cause irritation.  
Dermal Irritancy: Closed patch test (48H, 5% in petrolatum): No irritation. Prolonged contact with the undiluted material may cause irritation.  
Skin Sensitization: test (5% in petrolatum): Non.

## Ecological information

n/a

## Disposal considerations

Dispose of this material at a local, state or federally approved landfill, incinerator or recovery facility.

## Transport Information

Class not regulated

## Regulatory Information

n/a

## Disclaimer

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