

Foreverest Resources Ltd

Terpineol

85%

Terpineol is naturally found in pine oil, lavender oil, orange leaf oil, neroli oil and other plant oils. α -terpineol, β -terpineol, γ -terpineol, and terpinen-4-ol are four isomers of terpineol. α -terpineol is the major component. Terpineol is a viscous liquid with pine like and clove like odor, but is easy to crystallize. There are two methods for preparing terpineol. The two-step preparation process is to use α -pinene as raw material to produce terpineol through hydration under acidic conditions. The one-step method is to directly prepare terpineol by hydration reaction. Terpineol is widely used in fragrance formulation, especially in soaps and synthetic detergents. 85% Terpineol has high purity can kill germs and is used as a disinfectant in cleaning formulas. [Click to learn about cleaning solution.](#)

Substance Identification

Synonyms

α -Terpineol | ρ -1-Menthen-8-ol

CAS

N/A

EINECS	232-268-1
FEMA	N/A
HS.CODE	380590
Molecular Formula	C10H18O
Molecular Weight	154.25

LD50 oral, rat	4.3g/kg min
LD50 dermal, rabbit	3g/kg min

Application & Uses

- used for synthesize Terpinyl formate and Terpineyl acetate. The derivatives of terpineol are widely used in fragrance preparation.
- used as raw material to prepare menthane-8-ol and unsaturated terpene mixtures
- used as a solvent for color on glassware
- used in agrochemicals, such as insecticide synergists
- used as a tackifier monomer
- used as a tobacco filler additive, the solution sprayed on the tobacco to increase the aroma and sweetness of the lilac, and improve the natural permeation of the smoke
- used as electronic paste
- used as a thermoplastic conductive silver peptizer

Sales Specification

ITEM	VALUE
Appearance	Transparent oily liquid
Relative Density, @ d20/4	≥ 0.920
Distilling Volume, 190~225°C (V/V), %	≥ 90
Moisture, %	≤ 0.5
Terpene Alcohols, G.C, %	85
LD50 oral, rat	4.3g/kg min
LD50 dermal, rabbit	3g/kg min

Similar Specs

[Terpineol](#)

[Terpineol](#)

[Terpineol Electric](#)

Package

- Galvanized Iron Drum, 150kg, 80/120 drums per 20'FCL
- Galvanized Iron Drum, 180kg, 80/120 drums per 20'FCL

GHS Hazard Statements

H-Code	H315/349
P-Code	P264/280
Response	P302+P352 P305+P351+P338 P332+P313 P337+P313 P362+P364
Storage	no data available
Disposal	no data available
S-phrases: S37-S36-S26 R-phrases: R38	

Storage

- keep container tightly closed in a dry and well-ventilated place
- store in cool place

Relation Products

- [alpha-Pinene](#)
- [alpha-Terpineol](#)
- [Pine Oil](#)

Relation Articles

- Efficacy of Angelica archangelica essential oil, phenyl ethyl alcohol and α -terpineol against isolated molds from walnut and their antiaflatoxigenic and antioxidant activity
- Pine Oil & Terpineol applied to disinfectants and household cleaners
- Terpinen-4-ol and alpha-terpineol (tea tree oil components) inhibit the production of IL-1beta, IL-6 and IL-10 on human macrophages
- Terpenes (C₅H₈)-medicinal molecules and important building blocks in nature
- How does pine oil work in disinfectant cleaners?

Remark

The above information is believed to be accurate and presents the best explanation currently available to us. We assume no liability resulting from above content. The technical standards are formulated and revised by customers' requirement and us, if there are any changes, the latest specification will be executed and confirmed in the contract.