

Foreverest Resources Ltd

Terpineol

8000-41-7-1S-MU

Terpineol MU Grade, a synthetic compound of monoterpene alcohol, which is derived from the hydration of [alpha-Pinene](#) or [Gum Turpentine](#). There are three isomers, alpha-Terpineol, beta-Terpineol and gamma-Terpineol, the last two differing only by the location of the double bond. Terpineol is usually a mixture of these isomers with [alpha-Terpineol](#) as the major constituent.

MU Grade is specialty used for industrial application and medical formulation. It is widely used for solvent for ethylcellulose, plasticizer for epoxy resin and fragrance synthetics.

The α -Terpineol is mainly effected as medical uses on *S. aureus*, *P. aeruginosa*, *E. coli* and *C. albicans*. According as the research report that when MU Grade is sprayed on human skin for 2 min, can kill 98.46% of germs. ¹

¹ *Experimental Observation on Disinfection Property of Compound Terpineol Skin - Disinfection Solution, 2006*

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	C ₁₀ H ₁₈ O
Molecular Weight	154.25

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

Application & Uses

- Ingredient of Cleaning
- Ingredient of Disinfection
- Ingredient of Pharmaceutical
- Plasticizer of Epoxy Resins
- Solvent of Ethylcellulose
- Synthetic Fragrances

Features & Benefits

- Terpineol has a pleasant odor similar to lilac and is a common ingredient in perfumes, cosmetics, and flavors, detergent, household cleaner

Sales Specification

ITEM	VALUE
Appearance	Colorless sticky oily transparent liquid
Color	≤ Standard No.3
Odor	Lilac like fragrance
Refractive Index, @ n ₂₀ /D	1.480~1.486
Relative Density, @ d ₂₀ /4	0.930~0.936

ITEM	VALUE
Terpene Alcohol, G.C, %	≥95
LD50 oral, rat	4.3g/kg min
LD50 dermal, rabbit	3g/kg min

Similar Specs

[Terpineol](#)

[Terpineol](#)

[Terpineol Electric](#)

[Pine Oil](#)

[alpha-Terpineol](#)

Package

- Galvanized Iron Drum, 180kg, 80 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](#)
- [Terpinyl Acetate](#)

Relation Articles

- [Pine Oil & Terpineol applied to disinfectants and household cleaners](#)
- [Efficacy of Angelica archangelica essential oil, phenyl ethyl alcohol and \$\alpha\$ - terpineol against isolated molds from walnut and their antiaflatoxigenic and antioxidant activity](#)

- 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

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.

Manage consent