

# Foreverest Resources Ltd

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## Terpineol

96%

Terpineol MU is a monoterpene alcohol compound, which is derived from the hydration of alpha-Pinene or Gum Turpentine. There are three isomers, alpha-, beta-, and gamma-terpineol, Terpineol is usually a mixture of these isomers with alpha-terpineol as the major constituent. The MU grade is mainly used in medical disinfectants. In the field of medical disinfection,  $\alpha$ -Terpineol is used for sterilization in medical formulations such as disinfectant and sterilization products. It has significant effect against *Staphylococcus aureus*, *Pseudomonas aeruginosa*, *Escherichia coli* and *Candida albicans*. According to the research<sup>1</sup>, Terpineol MU has been on human skin for 2 minutes, the average killing rate of natural bacteria on the skin surface can reach 98.46%.

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1. Experimental Observation on Disinfection Property of Compound Terpineol Skin - Disinfection Solution, 2006
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## Substance Identification

Synonyms	p-1-Menthen-8-ol
CAS	N/A
EINECS	232-268-1
FEMA	N/A
HS.CODE	2906
Molecular Formula	C10H18O
Molecular Weight	154.25

## Application & Uses

- Ingredient of Cleaning
- Ingredient of Disinfection
- Ingredient of Pharmaceutical
- Plasticizer of Epoxy Resins

## Sales Specification

ITEM	VALUE
Appearance	Colorless sticky oily transparent liquid, color not exceed, Color Standard No.3

ITEM	VALUE
Odor	Lilac like fragrance
Content of Terpene Alcohols, @GC, %	92 min
Content of alpha & gamma terpineol, @GC, %	70 min

## Similar Specs

[Terpineol](#)

[Terpineol](#)

[Terpineol](#)

[Terpineol Electric](#)

[alpha-Terpineol](#)

[delta-Terpineol](#)

## Package

- Galvanized Iron Drum, 185kg net each

# 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

- flammable materials should be stored in a separate safety storage cabinet or room
- ground all equipment containing material
- keep away from heat
- keep away from sources of ignition
- keep container tightly closed
- keep in a cool, well-ventilated place

## Relation Products

- Dihydroterpineol
- Pine Oil
- Pine Oil
- Pine Oil
- $\alpha$ -Terpinyl Acetate

## Relation Articles

- Efficacy of Angelica archangelica essential oil, phenyl ethyl alcohol and  $\alpha$ -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
- Dipentene, a low-cost substitute or extender for Citrus D-Limonene
- Terpenes (C<sub>5</sub>H<sub>8</sub>)-medicinal molecules and important building blocks in nature
- The Antitranspirant Adjuvants Also Effect The Plant Diseases Control

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## 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.*