

Foreverest Resources Ltd

Terpinolene

95%

Terpinolene is one of the constituents of turpentine and an isomer of terpinene. It appears colourless to pale yellow liquid with pine-like odor. Terpinolene is the byproduct in the production of terpineol. It is used as natural and green food additives.

Substance Identification

Synonyms	p-Mentha-1,4(8)-diene
CAS	N/A
EINECS	209-578-0
FEMA	N/A

HS.CODE	29021900
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Molecular Formula	C10H16
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Molecular Weight	136.24
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LD50 oral, rat	4.39g/kg min
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LD50 dermal, rabbit	5g/kg min
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Application & Uses

- used as spices chemical based materials and also antiseptic or industrial solvent
- used as a synthetic food flavoring additive or fragrance enhancer. as a flavor additive in artificial essential oils, fruits, citrus, ice cream, non-alcoholic beverages, candy, and baked goods.
- used as chemical intermediate
- used as a solvent for resins and oils

Sales Specification

ITEM	VALUE
Appearance	Colorless to pale yellow clear liquid.
Color, by APHA, #	≤50
Odor	Pine, citrus
Refractive Index, @ n20/D	1.470~1.490
Relative Density, @ d20/4	0.850~0.880
Terpinolene & Isoterpinolene, by GC, %	≥95
LD50 oral, rat	4.39g/kg min
LD50 dermal, rabbit	5g/kg min

Similar Specs

[Terpinolene](#)

Package

- Galvanized Iron Drum, 175kg net each, 80 drums (14 mt) per 20'FCL

GHS Hazard Statements

H-Code H226/303/304/317/410
P-Code P210/233/240/241/242/243/261/272/273/280
Response P301+P310 P303+P361+P353 P312 P331 P333+P313 P370+P378 P391
Storage P403+P235 P405
Disposal P501
S-phrases: S60-S61-S24/25-S22-S23 | R-phrases: R50/53 UN Number: UN 2541 3/PG 3

Storage

- avoid all possible sources of ignition (spark or flame)
- keep container in a cool, well-ventilated area
- keep container tightly closed and sealed until ready for use
- store in a segregated and approved area

Relation Products

- [Turpentine](#)

Relation Articles

- [ANTI-VIRUS FUNCTION of ESSENTIAL OILS and PLANT EXTRACTS](#)
- [Analysis of Essential Oil on Antimicrobial Resistance](#)

- Dipentene, an effective, safe, biodegradable cleaning and degreasing material
- How does pine oil work in disinfectant cleaners?
- R&D on Terpinen-4-ol
- Terpinen-4-ol and alpha-terpineol (tea tree oil components) inhibit the production of IL-1beta, IL-6 and IL-10 on human macrophages
- Terpinen-4-ol is the Most Active Ingredient of Tea Tree Oil to Kill Demodex Mites
- The Antitranspirant Adjuvants Also Effect The Plant Diseases Control
- What are the natural terpenes

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.