

# Foreverest Resources Ltd

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## Terpinolene

90%

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.

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## Substance Identification

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

HS.CODE	29021900
Molecular Formula	C10H16
Molecular Weight	136.24

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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	TEST METHOD & UNIT
Appearance	Colorless to pale yellow clear liquid	
Color	50 max	@APHA, #
Odor	Pine, citrus	
Refractive Index	1.470 to 1.490	@n20/D
Relative Density	0.850 to 0.880	@d20/4

ITEM	VALUE	TEST METHOD & UNIT
Terpinolene & Isoterpinolene	90 min	@G.C, %

ITEM	VALUE	TEST METHOD & UNIT
Appearance	Colorless to pale yellow clear liquid.	
Color	50 max	@APHA, #
Odor	Pine, citrus	
Refractive Index	1.470 to 1.490	@n20/D
Relative Density	0.850 to 0.880	@d20/4
Terpinolene & Isoterpinolene	95 min	@G.C, %

ITEM	VALUE	TEST METHOD & UNIT
Appearance	Colorless to pale yellow clear liquid	
Color	50 max	@APHA, #
Odor	Pine, citrus	
Refractive Index	1.470 to 1.490	@n20/D
Relative Density	0.850 to 0.880	@d20/4
Terpinolene & Isoterpinolene	30 min	@G.C, %

# 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
- Isoterpinolene
- Terpinen-4-ol

## 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
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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.*

Manage consent