

# Foreverest Resources Ltd

## alpha Cedrene

90%

alpha-Cedrene 90% is a high-purity sesquiterpene, naturally found in cedarwood oil, often alongside Beta Cedrene and Thujopsene. This product appears as a light yellow transparent liquid, exuding a distinctive woody aroma. Industrial grade  $\alpha$ -Cedrene is obtained through the meticulous separation of cedar oil, removal of "cedar brains", and subsequent fractionation of the remaining sesquiterpene-rich components. In China, this product typically boasts an  $\alpha$ -Cedrene content of over 85%, ensuring its exceptional quality. It is widely used in fragrance formulation and the synthesis of more valuable aromatic substances, such as acetyl cedrene, cedryl ketone, etc.

## Substance Identification

Synonyms	$\alpha$ -Cedrene   2,2,6,10 Tetramethyl-Tricyclo [5.3.1.0 <sup>3,7</sup> ]-9-undecene
CAS	N/A

EINECS	207-418-4	
FEMA	N/A	
HS.CODE	290219	
Molecular Formula	C15H24	
Molecular Weight	204.35	
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LD50 oral, rat		≥5g/kg
LD50 dermal, rabbit		≥5g/kg
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## Application & Uses

- **Fragrances, Flavours & Daily Chemicals:**
  - Widely used in perfumes, colognes, soaps, detergents, and cosmetics to impart lasting woody, oriental, chypre, and amber notes, particularly suitable for masculine fragrances.
  - Functions as an excellent fixative, enhancing the longevity and tenacity of overall fragrance compositions.
- **Fine Chemical Synthesis:**
  - A key raw material for the synthesis of acetyl cedrene (an important aroma chemical with strong woody-amber and musky notes), cedryl ketone (dry woody, cedar-amber scent), as well as epoxy cedrane and cedryl aldehyde, among other high-value aroma chemicals.
- **Industrial Applications:**
  - Can be used as an effective solvent, and also finds application in the food additive sector.
  - Serves as a pharmaceutical intermediate in the medicine field.

# Features & Benefits

- Authentic Woody Aroma:
  - Derived from natural cedarwood oil, it imparts a unique, lasting, and warm cedarwood scent, making it an ideal base note for high-quality fragrances.
- Superior Purity & Stability:
  - Industrial-grade purity of over 90% ensures consistent quality and reliable performance across all batches.
- Versatile Application Cornerstone:
  - A key ingredient in fragrance formulations and a premium raw material for synthesizing high-value aroma chemicals like acetyl cedrene and cedryl ketone.

# Sales Specification

ITEM	VALUE
Appearance	Light yellow transparent liquid
Odor Character	Woody, cedar smell
Relative Density, @ d25/25	0.920~0.950
α Cedrene, GLC, %	90 min
LD50 oral, rat	≥5g/kg
LD50 dermal, rabbit	≥5g/kg

## Package

- Galvanized Iron Drum, 180kg net each

## GHS Hazard Statements

H-Code	H304/410
P-Code	P273
Response	P301+P310 P331 P391
Storage	P405
Disposal	P501

S-phrases: S26-S60-S61-S24/25-S23 | R-phrases: R36/38

## Storage

- Environmental & Temperature Control:
  - Store in a cool, dry, well-ventilated area, and protect from light.
  - Avoid high temperatures to maintain product stability and prevent decomposition or volatilisation.
  - Keep in a cool, well-ventilated place.
- Container Management & Prevention:
  - Ensure containers are tightly closed to prevent volatilisation and external contamination, and are clearly labelled.
  - Ground all equipment containing the material to prevent static build-up.
- Hazard Isolation:
  - Keep storage areas away from heat, sparks, open flames, and all sources of ignition.

- This combustible liquid should be stored in a separate safety storage cabinet or room.
  - Keep away from incompatible materials to prevent hazardous reactions.
- Safe Handling & Inspection:
  - Handle carefully, and stack stably.
  - After prolonged storage, always check quality before use.
- Compliance & Emergency Preparedness:
  - Strictly comply with all safety regulations, particularly those pertaining to combustible liquid storage.
  - Ensure emergency plans are in place for unforeseen circumstances.

## Relation Products

- [Cedrene](#)
- [Cedrol](#)

## Relation Articles

- [Introduction and Application Prospects of Thujopsene](#)

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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