

Foreverest Resources Ltd

alpha-Phellandrene

98%

alpha-Phellandrene is an oily liquid with colorless to light yellow colors. Has black pepper odor character. Flash point is 49°C. The boiling point (by 2133 pa.) of right-handed body at 66~88°C, and the left-handed body at 58~59°C. Soluble in ethanol and ethyl ether, insoluble in water. The right-handed body is existed in cinnamon oil, ginger oil, elemi oil, cumin oil and other plants. The left-handed body is existed in eucalyptus oil, star anise oil, gump couch oil, laurel oil, pepper oil and other plants.

Substance Identification

Synonyms	α-Phellandrene p-mentha-1,5-diene
CAS	N/A
EINECS	202-792-5

FEMA	N/A
HS.CODE	N/A
Molecular Formula	C10H16
Molecular Weight	136.23

Application & Uses

- Chiral catalysis
- Functional Material
- Ingredient of Expectorant
- Ingredient of Natural insecticides
- Synthetic Fragrances

Features & Benefits

- A left-handed and a right-handed body two isomer. Right-handed body boiling point of 66 ~ 68 °C, the left-hand body boiling point 58 and 59 °C (2133 pa). Flash point, 49 °C. Soluble in ethanol and ethyl ether, insoluble in water. Right-handed body exists in cinnamon oil, ginger oil, elemi oil, cumin oil etc. Left-handed body exists in eucalyptus oil, star anise oil, gump couch oil, laurel oil, pepper oil, etc

Sales Specification

ITEM	VALUE	TEST METHOD & UNIT
Appearance	Colorless or slightly yellow oily liquid.	
Purity	98 min	@GC, %

ITEM	VALUE	TEST METHOD & UNIT
Appearance	Colorless or slightly yellow oily liquid.	
Purity	85 min	@GC, %

Similar Specs

Beta Phellandrene

Package

- Galvanized Iron Drum (new), 25kg net each

GHS Hazard Statements

H-Code	H226/304/315/317/361/411
P-Code	P201/202/210/233/240/241/242//243/261/264/272/273/280
Response	P301+P310 P303+P361+P353 P308+P313 P331 P333+P313 P370+P378 P391
Storage	P403+P235 P405
Disposal	P501

Storage

- do not re-use the empty container. Store at 6°C~8°C
- this substance is easily oxidized, need to sealed storage
- it is good general practice to store in closed, preferably full, containers away from heat sources, and protected from extremes of temperature

Relation Products

- [para Cymene](#)

Relation Articles

- [Business Value of \$\alpha/\beta\$ Phellandrene in Agricultural Application](#)
- [Dipentene, an effective, safe, biodegradable cleaning and degreasing material](#)
- [Ten questions concerning air fresheners and indoor built environments](#)
- [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.

Manage consent