

Foreverest Resources Ltd

Beta Phellandrene

80%

α -Phellandrene and β -phellandrene are cyclic monoterpenes and are double-bond isomers. In α -phellandrene, both double bonds are endocyclic and in β -phellandrene, one of them is exocyclic. Both are insoluble in water, but miscible with ether. Beta-Phellandrene is widely distributed in essential oils (Angelica, Eucalyptus, Lavandula, Mentha, Pinus species). The phellandrenes are used in fragrances because of their pleasing aromas. The odor of β -phellandrene has been described as peppery-minty and slightly citrusy. Consequently, beta-Phellandrene is widely used in flavor industry.

Substance Identification

Synonyms	β -Phellandrene 3-methylene-6-(1-methylethyl)-Cyclohexene Dipentene
CAS	N/A
EINECS	209-081-9

FEMA	N/A
HS.CODE	29021900
Molecular Formula	C10H16
Molecular Weight	136.23

Application & Uses

- used in fragrances
- used as insect-resist & insecticide,
- materials of terpenic resin and synthetic menthol
- used in pharmaceutical as expectorant, mild stimulation for bronchus

Features & Benefits

- Insoluble in water; soluble in alcohol

Sales Specification

ITEM	VALUE
Appearance	Colorless to pale yellow, clear liquid
Refractive Index, @ n20/D	1.479~1.480
Relative Density, @ d20/20	0.850~0.852
Purity, G.C, %	≥80

Similar Specs

[alpha-Phellandrene](#)

Package

- Galvanized Iron Drum, 195kg net each

GHS Hazard Statements

H-Code	H226/304
P-Code	P210/233/240/241/242/243/280
Response	P303+P361+P353 P370+P378 P301+P310 P331
Storage	P403+P235 P405
Disposal	P501

Storage

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

Relation Products

- [alpha-Phellandrene](#)
- [Dipentene DHM](#)
- [Dipentene](#)
- [Dipentene \(Natural\)](#)
- [Dipentene \(Synthetic\)](#)
- [Dipentene \(Synthetic\)](#)
- [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](#)

- [Dipentene, a low-cost substitute or extender for Citrus D-Limonene](#)
- [Herbicide composition and method](#)
- [Natural Methods to Clean Hardwood Floors](#)
- [What are the natural terpenes \(2\)](#)
- [What is Terpene Resins?](#)

Remark

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