

Foreverest Resources Ltd

3-Carene

95%

(delta) 3-Carene is a bicyclic monoterpene naturally found in [Gum turpentine](#). It presents as a colourless liquid with a strong woody odour. Extracted from pine tree oil, 3-Carene is primarily utilised as a key raw material in the production of synthetic fragrances.

Substance Identification

Synonyms	δ-Carene 3,7,7-trimethylbicyclo[4.1.0]hept-3-ene
CAS	N/A
EINECS	236-719-3
FEMA	N/A

HS.CODE	29021900
Molecular Formula	C10H16
Molecular Weight	136.24
LD50 oral, rat	4.8g/kg min
LD50 dermal, rabbit	0.863g/kg min

Application & Uses

- Food Flavouring: Used as a flavouring in baked goods, cereals, cheese, frozen dairy, meat products, milk, beverages, and poultry.
- Chemical Intermediate & Solvent: Functions as an intermediate in agrochemical and pharmaceutical industries; can also be used as a plasticiser and infection-free solvent.
- Fragrance & Cosmetics Raw Material: Serves as a raw material for perfumes, cosmetics, and terpene resins.
- Flavour Compound Precursor: Used as a synthetic precursor for specific flavour compounds, such as 4-hydroxymethyl-2-carene, 4-acetyl-2-carene, and 3,4-carene epoxy.
- Pesticide Applications: Serves as a raw material for Chiral IR trans-chrysanthemic acid, which is used in the production of chiral pesticides.
- Food Preservative: Due to its bacteriostatic effect, it can be used as a food preservative and fresh-keeping agent.

Sales Specification

ITEM	VALUE
Appearance	Clear colourless to slightly yellow liquid
Odor	Woody, Pines
Refractive Index, @ n20/D	1.472~1.473
Relative Density, @ d20/4	0.862~0.865
Solubility	Soluble in organic solvents, insoluble in water
LD50 oral, rat	4.8g/kg min
LD50 dermal, rabbit	0.863g/kg min

Package

- Iron Drum, 200kg net each

GHS Hazard Statements

H-Code H225 H301+H311+H331 H370

P-Code	P210/233/240/241/242/243/260/264/270/271/280
Response	P301+P310+P330 P303+P361+P353 P304+P340+P311 P308+P311 P370+P378
Storage	P403+P233 P403+P235 P405
Disposal	P501

UN Number: UN 2319 3/PG 3

Storage

- Store in a tightly closed container in a cool and dry place.
- Protect from light.
- If stored for more than 24 months, its quality should be checked before use.

Relation Products

- [alpha-Pinene](#)
- [Beta Pinene](#)
- [Turpentine](#)

Relation Articles

- [Terpenes \(C5H8\)-medicinal molecules and important building blocks in nature](#)
- [ANTI-VIRUS FUNCTION of ESSENTIAL OILS and PLANT EXTRACTS](#)

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