Foreverest Resources Ltd

3-Carene

95%

Delta 3-Carene is a bicyclic monoterpene naturally found in Gum turpentine. It is a colorless liquid with a strong woody odor. Extracted from pine tree oil, Delta 3-Carene is primarily used as a 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
Moleclar Weight	136.24

LD50 oral, rat	4.8g/kg min
LD50 dermal, rabbit	0.863g/kg min

Application & Uses

- used as flavoring in baked goods, cereals, cheese, frozen dairy, meat products,milk, beverages and poultry
- used as intermediate of Agrichem & Pharmaceuticals
- used as plastic agent
- used as infection-free solvents
- used as raw material of perfumes, cosmetics & terpene resins
- used as synthetic precursors of flavor like 4-hydroxymethyl-2– carene, 4-acetyl-2–careen & 3, 4-carene epoxy
- used as raw material of Chiral IR trans-chrysanthemic acid for chiral pesticides
- can be used as food preservative and fresh-keeping agent due to its bacteriostatic effect

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

- keep in tightly closed container in a cool and dry place
- protected from light
- when stored more than 24 months, 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.