

Foreverest Resources Ltd

I-Carvone

99%

Carvone naturally occurs in many essential oils. It has two optical isomers, L-carvone and D-carvone. I-Carvone is abundant in all kinds of spearmint essential oil, and D-carvone is abundant in caraway oil. It appears colorless to lightly yellow clear liquid. I-Carvone is mainly used for the preparation of peppermint flavor of food and fragrance formulation of daily chemicals.

Substance Identification

Synonyms	(-)-p-Mentha-6,8-dien-2-one Carvol (-)-Carvone
CAS	N/A
EINECS	229-352-5

FEMA	N/A
HS.CODE	N/A
Molecular Formula	C10H14O
Molecular Weight	150.221

LD50 oral, rat

1640mg/kg

Application & Uses

- used in perfumery
- used in the fragrance formulation of daily commodities, especially in toothpaste, soaps and detergents
- used in food and beverage flavor, especially in chewing gum and sugar
- used as active ingredient in insecticide

Features & Benefits

- Solubility: soluble in ethanol, dethyl ether; insoluble in water

Sales Specification

ITEM	VALUE
Appearance	Colorless to pale yellow clear liquid
Specific Gravity, @25.00°C	0.95600 to 0.96000
Refractive Index, @20.00°C	1.49500 to 1.49900
Optical Rotation, °	-62.00 to -57.00
Purity, %	99 min
LD50 oral, rat	1640mg/kg

Package

- Epoxy-lined steel drum, 200kg net each

GHS Hazard Statements

H-Code	H227/302/317/401
P-Code	P210/261/264/270/272/273/280
Response	P301+P312+P330 P302+P352 P333+P313 P370+P378
Storage	P403+P235
Disposal	P501

UN Number: UN 1993 3/PG 3 | S-phrases: S36 | R-phrases: R22

Storage

- flammable materials should be stored in a separate safety storage cabinet or room
- ground all equipment containing material
- keep away from heat
- keep away from sources of ignition
- keep container tightly closed
- keep in a cool, well-ventilated place

Relation Products

- [Dihydrocarveol](#)

Relation Articles

- [Efficacy of Angelica archangelica essential oil, phenyl ethyl alcohol and \$\alpha\$ - terpineol against isolated molds from walnut and their antiaflatoxic and antioxidant activity](#)
- [ANTI-VIRUS FUNCTION of ESSENTIAL OILS and PLANT EXTRACTS](#)
- [Essential oils in preventing and controlling crop diseases](#)
- [TERPENE ESSENTIAL OILS: The research and development direction of anti-virus drugs is concerned](#)
- [The development trend of food flavor](#)

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