

Foreverest Resources Ltd

Nerolidol

90%

Nerolidol is also known as peruvial and penetrol. It is a naturally occurring sesquiterpene found in the many kinds of essential oils, including neroli, oil of petitgrain, cananga oil, and jasmine oil. It appears colorless to pale yellow clear oily liquid with minty floral odor. Nerolidol is prepared by using linalool as raw material, and convert it into geranyl acetone, and then through ethymylation and hydrogenation reaction. It is mainly used in the fragrance formulation of luxury cosmetics. Nerolidol has a subtle floral fragrance, this light fragrance will not be annoying to everyone. Floral scents mainly include lavender, lily, and cedar. The main notes are like valley lilies. Nerolidol, although delicate, has a high concentration of aroma and a wide range of effects. Suitable for a variety of more volatile fragrance, can increase the depth. Nerolidol can help perfumers find their intrinsic flavoring properties! The addition of nerolidol, though small, is 0.05% for ready-to-drink beverages or simple broths.

Substance Identification

Synonyms

trans-Nerolidol | Peruvial | Melaleucol | Methyl vinyl homogeryl carbinol | Methylvinylhomogeryl carbinol

CAS	N/A
EINECS	230-597-5
FEMA	N/A
HS.CODE	290500
Molecular Formula	C15H26O
Molecular Weight	222.372

LD50 oral, rat	5gm/kg min
LD50 dermal, rabbit	5gm/kg min

Application & Uses

- mainly used in the fragrance formulation of high-quality cosmetics
- used in flavoring of food and beverage
- used as the intermediate of synthetic vitamin E
- anti-fungal, antimicrobial, sedative
- anti leishmaniasis and anti-malarial properties

Features & Benefits

- Anti-ulcer activity
- Anti-cancer and anti-tumor activity
- Insect repellent activity
- Skin penetration enhancer activity
- Anti-nociceptive and anti-inflammatory activity
- Anti-parasitic activity
- Anti-fungal activity
- Anti-biofilm activity
- Anti-microbial activity
- Anti-oxidant activity

Sales Specification

ITEM	VALUE
Appearance	Colorless to pale yellow clear oily liquid
Specific Gravity, @25.00 °C	0.87000 to 0.87600
Refractive Index, @20.00 °C	1.47800 to 1.48300
Optical Rotation, °	-2.00 to +2.00
Purity, %	90 min
LD50 oral, rat	5gm/kg min
LD50 dermal, rabbit	5gm/kg min

Package

- Galvanized Steel Drum, 185kg net each

GHS Hazard Statements

H-Code	H317/319/410
P-Code	P261/264/272/273/280
Response	P302+P352 P305+P351+P338 P333+P313 P337+P313 P391
Storage	No data available
Disposal	P501

S-phrases: S26-S36 | R-phrases: R36/37/38

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

- [Nerol Extra](#)

Relation Articles

- [Global Cardamom Oil Market is Expected to Grow at a CAGR over 6.74% From 2016 to 2022](#)
- [Terpenes from Forests and Human Health](#)
- [What are the natural terpenes \(2\)](#)

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.