

Foreverest Resources Ltd

Citronellol

95%

Citronellol, or dihydrogeraniol, is a natural acyclic monoterpenoid. Both enantiomers occur in nature. It is found in citronella oils, including Cymbopogon nardus (50%), is the more common isomer. (–)-Citronellol is found in the oils of rose (18–55%) and Pelargonium geraniums. Citronellol can be prepared by hydrogenation of [geraniol](#) or [nerol](#). Citronellol has multiple applications in the industry.

Substance Identification

Synonyms	6-Octen-1-ol 3,7-dimethyl Dihydrogeraniol
CAS	N/A
EINECS	203-375-0

FEMA	N/A
HS.CODE	291600
Molecular Formula	C10H20O
Molecular Weight	156.27

Application & Uses

- used in alcoholic fine fragrances
- widely used in many perfume composition that gives a clean, fresh, and natural rosy note to fragrance
- used as fabric softeners
- used as antiperspirant
- used in detergents

Features & Benefits

- Soluble in ethanol and most non-volatile oils and propylene glycol, insoluble in glycerol, but insoluble in water

Sales Specification

ITEM	VALUE
Apperaance	Colorless or slightly yellow liquid
Odor	like Rose smell
Specific Gravity, @20/4°C	0.8520 to 0.860
Refractive Index, @20°C	1.4520 to 1.4620
Specific Rotation, @20°C	0 to +2
Purity, @GC, %	95 min
Acid Value, mgKOH/g	1.0 max
LD50 oral, rat	3450mg/kg
LD50 skin, rabbit	2650mg/kg

Package

- Iron Drum, 180kg net each

GHS Hazard Statements

H-Code H303+H313/315/317/319/401
P-Code P261/264/272/273/280

Response P302+P352 P305+P351+P338 P312 P333+P313 P337+P313
Storage No data available
Disposal P501
S-phrases: S26-S36-S24/25 | 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

- Citronella Oil
- Citronella Terpene
- l-Citronellol
- Citronellal
- Geraniol Synthetic

Relation Articles

- [Citrus forecast steady as growers await aid](#)
- [2018 The Year in Review: Citrus Oils: Availability and Markets](#)
- [Citronella-More Than Spices](#)
- [Ten questions concerning air fresheners and indoor built environments](#)
- [What are the natural terpenes](#)

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.