

Foreverest Resources Ltd

Citronellal

85%

Citronellal is a colorless to yellow liquid with aromas of lemon, citronella and rose. It has 3 kinds of optical rotators, D -, l-, and dl-. D-Citronella is abundant in essential oils and is the main component of citronella oil and eucalyptus oil. In industry, it can be extracted from natural plants by single separation method. It is mainly obtained from pinene in the production of pinane, 3, 7-dimethyl-octadiene, 1,6- and citronellal or be prepared by catalytic dehydrogenation of citronellol in the presence of lead chromium catalyst.

Substance Identification

Synonyms

Citronel | RHODINAL

CAS

N/A

EINECS

203-376-6

FEMA	N/A
HS.CODE	29124100
Molecular Formula	C10H18O
Molecular Weight	154.25

LD50 oral, rat	2420mg/kg
LD50 skin, rabbit	2500mg/kg min

Application & Uses

- used as flavoring to prepare citrus and cherry essences
- used as raw material for the synthesis of citronelol, hydroxycitronelal, menthol, etc.
- used as fixative agent, modifier and regulating agent in cosmetics
- used as aroma enhancer for food and beverage

Sales Specification

ITEM	VALUE
Appearance	Colorless to slightly yellow transparent liquid
Odor	A pleasantly herbaceous, peppery, woody odor
Purity, %	85 min
LD50 oral, rat	2420mg/kg
LD50 skin, rabbit	2500mg/kg min

Package

- Drum, 200kg net each

GHS Hazard Statements

H-Code H227/315/317/319/401
P-Code P210/261/264/272/273/280
Response P302+P352 P305+P351+P338 P333+P313 P337+P313 P370+P378
Storage P403+P235
Disposal P501
S-phrases: S36/37-S61-S37/39-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

- [Citronella Oil](#)

Relation Articles

- [Essential oils in preventing and controlling crop diseases](#)
 - [Herbicide composition and method](#)
 - [What are the natural terpenes](#)
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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