Foreverest Resources Ltd

Carvacrol

98, 99.5%

Carvacrol is also called isothymol, a natural monoterpene derivative of cymene. It is a colorless to pale yellow liquid with a spicy odor as Thymol. Carvacrol is naturally found in many essential oils especially in thyme oil. It is prepared by the sulfonation reaction of p-Cymene. With a special aroma, Carvacrol is widely used in fragrance formulation, oral product, spice, medicine etc. It's used as a disinfectant and fungicide due to its capability of killing bacteria and intestinal parasites.

Substance Identification

Synonyms	Cymenol | Isothymol | 2-Methyl-5-isopropylphenol
CAS	N/A
EINECS	207-889-6

FEMA	N/A
HS.CODE	294200
Molecular Formula	C10H14O
Moleclar Weight	150.22

LD50 oral, rat	810mg/kg
LD50 dermal, rabbit	5g/kg

Application & Uses

- used as antioxidant component
- used as feed additive ingredients
- used as food flavoring ingredients
- used as a disinfectant, astringent ingredients
- used as insect repellent ingredient
- used as pharmaceutical intermediate
- used as natural bacteriostatic ingredients
- used in the fragrance of daily necessities such as soap

Sales Specification

ITEM	VALUE
Odor Character	Thyme
Assay, G.C., %	≥99.5
Refractive Index, n20D	1.523
Specific Gravity, d2020	0.972~0.980
LD50 oral, rat	810mg/kg
LD50 dermal, rabbit	5g/kg

Package

- Steel Drum, 180kg net each, plastic lining

GHS Hazard Statements

H-Code	H302/314/411
P-Code	P264/270/273/280
Response	P301+P312+P330 P301+P330+P331 P303+P361+P353 P304+P340+P310 P305+P351+P338+P310 P363 P391
Storage	P405

Disposal P501
S-phrases: S26-S36/37/39-S45 | R-phrases: R22;R34

Storage

- air and moisture sensitive
- containers which are opened must be carefully resealed and kept upright to prevent leakage
- handle and store under inert gas
- keep container tightly closed in a dry and well-ventilated place
- store in cool place

Relation Products

- Thymol

Relation Articles

- Harnessing the Power of Eugenol, Carvacrol, Thymol, and Cinnamaldehyde: Plant Bioactive Compounds in Feed Additives

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.