

# Foreverest Resources Ltd

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## Eugenol

98%

Eugenol is a phenylpropene, an allyl chain-substituted guaiacol. Eugenol is naturally found in clove oil, clove basil oil and cinnamon oil. It appears colorless to pale yellow liquid with dry sweet and clove odor. Eugenol is industrially prepared by the alkali treatment of essential oils that are full of eugenol. In addition, the eugenol can be produced by the allylation reactions of guaiacol. Eugenol is extensively applied in the fragrance formulation of cosmetics and perfumes.

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## Substance Identification

Synonyms

2-Methoxy-4-allylphenol

CAS

N/A

EINECS

202-589-1

FEMA	N/A
HS.CODE	N/A
Molecular Formula	C10H12O2
Molecular Weight	164.21

## Application & Uses

- used in perfumeries and flavorings
- used as a local antiseptic and anaesthetic in medicine
- used to synthesize zinc oxide eugenol which has restorative and prosthodontic applications in dentistry
- used in manufacturing stabilizers and antioxidants for plastics and rubber
- used in the production of isoeugenol for the manufacture of vanillin

## Sales Specification

ITEM	VALUE
Appearance	Colorless or pale yellow clear liquid
Odor	Dry sweet, Clove
Refractive Index, @ n <sub>20</sub> /D	1.538~1.542
Relative Density, @ d <sub>20</sub> /4	1.064~1.068

ITEM	VALUE
LD50 oral, rat	2.68g/kg

## Similar Specs

- Methyl Isoeugenol
- Methyl Eugenol

## Package

- Galvanized Iron Drum (new), 25kg net each
- Galvanized Iron Drum (new), 50kg net each
- Galvanized Iron Drum (new), 200kg net each
- Packaging can be made to orders

## GHS Hazard Statements

S-phrases: S26 S36 S24/25 S23 | R-phrases: R22 R38 R36/37/38 R42/43 R40

## 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

- [PINEYE® Emulsion](#)
- [Vanillin](#)

## Relation Articles

- [Characteristics, Overview, Applications, Markets of Guaiacol](#)
- [Harnessing the Power of Eugenol, Carvacrol, Thymol, and Cinnamaldehyde: Plant Bioactive Compounds in Feed Additives](#)
- [Development and Management of Biopesticides in China](#)
- [Biological function and mechanism of plant extracts\(2\)](#)
- [Essential oils in preventing and controlling crop diseases](#)
- [FDA Food Additive Ban Is Unscientific And Irrational](#)
- [Natural compounds as potential algacides for waterborne paints](#)

- [PINEYE® Emulsion: A new green antitranspirant adjuvant and its effect on plant diseases control](#)
- [The Antitranspirant Adjuvants Also Effect The Plant Diseases Control](#)
- [The development trend of food flavor](#)
- [Vanillin: a promising preservation booster](#)
- [Why do scholars study the antiviral envelope activity of essential oil from its antibacterial](#)

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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.*