

# Foreverest Resources Ltd

## beta Caryophyllene

85%

Beta-caryophyllene is a bicyclic sesquiterpene that is found in essential oils including basil, copaiba, black caraway, oregano, lavender, rosemary, cinnamon, ylang-ylang, and clove. It is usually found as a mixture with isocaryophyllene (the cis double bond isomer) and  $\alpha$ -humulene (obsolete name:  $\alpha$ -caryophyllene), a ring-opened isomer. Beta-caryophyllene can be manufactured from turpentine by-products industrially.

### Substance Identification

Synonyms	$\beta$ -Caryophyllene   $\beta$ -cariofillene   Caryophyllene   (E)- $\beta$ -Caryophylene
CAS	N/A
EINECS	201-746-1

FEMA	N/A
HS.CODE	290219
Molecular Formula	C15H24
Molecular Weight	204.36

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## Application & Uses

- used as food additive, in spice blends and citrus flavors, especially in chewing gum. The recommended dosage is about 2~200mg/kg in the final flavored food.
- used in soaps and detergents.
- used to synthesize other fragrances, such as for the synthesis of more valuable spices such as acetyl caryophyllene.
- used in the preparation of imitations of essential oil and deodorant

## Features & Benefits

- Effects: Calming, Relaxing
- Medical value: Anti-inflammation, Anti-bacterial, Anti-oxidant
- Mostly found in: gum turpentine, Black Caraway, cloves, hops, basil, oregano, black pepper, lavender, rosemary

# Sales Specification

ITEM	VALUE
Color and Appearance	Colorless to pale yellow,oily liquid
Odor	Pale clove odor
Purity, %	85 min

## Similar Specs

[β-Caryophyllene](#)

## Package

- Plastic Drum, 185kg net each

## GHS Hazard Statements

H-Code	H304/317
P-Code	P261/272/280
Response	P301+P310 P302+P352 P331 P333+P313 P362+P364
Storage	P405

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

- [Caryophyllene oxide](#)
- [β-Caryophyllene](#)

## Relation Articles

- [The benefits of Terpenes on health and well-being](#)
- [Terpenes \(C<sub>5</sub>H<sub>8</sub>\)-medicinal molecules and important building blocks in nature](#)
- [Polyterpenes by ring opening metathesis polymerization of caryophyllene and humulene](#)
- [TERPENE ESSENTIAL OILS: The research and development direction of anti-virus drugs is concerned](#)

- Terpenes from Forests and Human Health
- Why do scholars study the antiviral envelope activity of essential oil from its antibacterial
- The benefits of the  $\beta$ -Caryophyllene(BCP)
- The composition of the essential oil

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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.*