

# Foreverest Resources Ltd

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## Synthetic Camphor

76-22-2-DAB8, 76-22-2-DAB6

**Natural camphor** is found in many essential oils, especially camphor oil. It is a white crystalline powder with a unique camphor scent and a hint of mint odor. Synthetic Camphor is prepared by using **alpha-Pinene** as raw material, then esterify converted camphene into **L-bornyl acetate**, next to saponification the L-bornyl acetate into DL-Isoborneol, and finally oxidate the DL-Isoborneol. Synthetic Camphor is used extensively in many fields, especially in the manufacturing, medicine and cosmetics industries.

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## Substance Identification

Synonyms	2-Campone   1,7,7-Trimethylbicyclo [2.2.1] heptan-2-one
CAS	N/A
EINECS	200-945-0

FEMA	N/A
HS.CODE	290619
Molecular Formula	C10H16O
Molecular Weight	152.24

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LD50 oral, rat	5g/kg min
LD50 dermal, rabbit	5g/kg min

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## Application & Uses

- serve as medicine, antiseptic, insecticide, etc.
- used as a plasticizer for nitrocellulose; used as pesticide, repellent
- used as raw materials for daily care products, flavor and fragrance etc.

## Features & Benefits

- Slightly soluble in water, soluble in ethanol, ethyl ether, chloroform, carbon disulfide, solvent oil, naphtha and most organic solvents

## Sales Specification

ITEM	VALUE	TEST METHOD & UNIT
Appearance	White powder crystals	
Melting Range	174 to 179	@°C
Purity	96 min	@chemicals method, %
Moisture Content	Clear	
non-Volatile Residue	0.1 max	%

ITEM	VALUE	TEST METHOD & UNIT
Appearance	White powder crystals	
Melting Range	170 min	@°C
Purity	96 min	@chemicals method, %
Moisture Content	n/a	
non-Volatile Residue	0.1 max	%
Content of Halogens	350 max	@PPM

# Package

- Double-corrugated Paper Carton, 25kg net each, lined with PE bag available

# GHS Hazard Statements

H-Code H228/315/317/318/332/371/411  
P-Code P210/240/241/260/264/270/271/272/273/280  
Response P302+P352 P304+P340+P312 P305+P351+P338+P310 P308+P311 P333+P313 P370+P378 P391  
Storage P405  
Disposal P501  
S-phrases: S16-S26-S37/39 | R-phrases: R11;R36/37/38

# Storage

- avoid all possible sources of ignition (spark or flame)
- do not store above 23°C (73.4°F)
- keep container in a cool, well-ventilated area
- keep container tightly closed and sealed until ready for use

# Relation Products

- [1,8-Cineole](#)
- [alpha-Pinene](#)
- [Camphene](#)

- [Linalool](#)

## Relation Articles

- [What is the Natural camphor and Synthetic camphor](#)
- [ANTI-VIRUS FUNCTION of ESSENTIAL OILS and PLANT EXTRACTS](#)
- [Biological function and mechanism of plant extracts\(2\)](#)
- [Terpenes \(C<sub>5</sub>H<sub>8</sub>\)-medicinal molecules and important building blocks in nature](#)
- [The benefits of Terpenes on health and well-being](#)
- [What are the Properties and Uses of Borneol](#)

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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.*