

Foreverest Resources Ltd

Synthetic Camphor

DAB6

Camphor, a white crystalline powder with a characteristic penetrating pungent and aromatic odor, is soluble in alcohol and found in camphor oil of camphor tree. Synthetic Camphor is extracted from Alpha-Pinene of Turpentine, then make a conversion Alpha-Pinene into Camphene, esterified to Bornyl acetate. Continue making saponification to Isoborneol, final oxidizing to Synthetic Camphor. Synthetic Camphor is used in the manufacture of cellulose nitrate, polyvinyl chloride and plastics. It can also serve as medicine, antiseptic, insecticide, etc. It can be used as an ingredient in smokeless powder, as a stabilizer and a moderator to improve ballistic properties.

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

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

Application & Uses

- Used in the manufacture of cellulose nitrate, polyvinyl chloride and plastics.
- Used as an ingredient in smokeless powder, as a stabilizer and a moderator to improve ballistic properties.

Sales Specification

ITEM	VALUE
Appearance	White powder crystals
Melting Range, °C	170 min
Specific Rotation, $[\alpha]_{20D}$, °	-2 to 5
Purity, chemicals method, %	96 min
Content of Halogens, PPM	350 max
non-Volatile Residue, %	0.1 max
LD50 oral, rat	5g/kg min
LD50 dermal, rabbit	5g/kg min

Similar Specs

[Synthetic Camphor](#)

[Synthetic Camphor](#)

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](#)

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