



Specialized in chemicals

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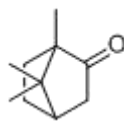
Technical Data Sheet

Synthetic Camphor

Product Information

Chemical Name	Synthetic camphor
CAS #	76-22-2
EINECS	200-945-0
Formula	C ₁₀ H ₁₆ O
Molecular Weight	152.23
Synonyms	DL camphor; 1,7,7-Trimethylbicyclo[2.2.1]-2-heptanone; 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one; 1,7,7-Trimethylnorcamphor; 2-Camphanone; Bornan-2-one; Caladryl; Radian B;

Chemical Structure



Description

Synthetic camphor also named Camphene, it is a white crystalline powder, with a cool and refereshing odour, easily soluble in organic solvents, easily sublimation.

Physical Properties

Melting point, °C	179
Boiling point, °C	204
Flash point, °C	64
Density	0.992
Water solubility, g/ml (25°C)	0.12/100

Specification

Item	DAB-6	DAB-8	DAB-10	BP	USP	JP	EP	CP
Apperance	White crystalline powder							
Mositure,% ≤	Clear							
non-volatile matter,%≤	--	0.1	0.05	0.05	0.05	0.05	0.05	0.05
Melting point, °C	170	174-179	174-180	174-180	174-179	175-180	174-180	174-179
Purity, %≥	96	96	96	96	96	96	96	--
Specific rotation, °	-2-+5	--	-0.15-+0.15	-0.15-+0.15	--	-1.5-+1.5	-0.15-+0.15	-1.5-+1.5
Acidity and alkaline	--	Confirm	Confirm	Confirm	--	--	Confirm	--
Halides,ppm <	350	--	100	100	350	--	100	--

Safety

It is considered to class 4.1 dangerous goods on transportation.
Always refer to the Material Safety Data Sheet (MSDS)

Applications

It can be used in/with:

- As a plasticizer, in PVC, Rubber, Cellulose nitrate making;
- As gunpowder stabilizer, in Military aspects making;
- As medicine raw material, in cardiotoxic, stimulants, freshener production;
- In daily life, as repellent, pest control, preservatives

Packaging

25kg per carton
15mt per 20'container

Storage & Handling

Keep containers dry, keep away from incompatibles such as oxidizing agents, reducing agents, metals.
Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.

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