

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: Camphor Oil, White

PRODUCT CODE: 30110

SUPPLIER: The Soap Kitchen

Unit 2 D&E Hatchmoor Industrial Estate

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: The volatile oil obtained by steam distillation of the wood of the Camphor Tree *Cinnamomum camphora* Sieb. (Fam. *Lauraceae*) grown in China, followed by fractionation of the oil. White Camphor oil is the first distillation fraction.

H-No: 3301.2961

CAS No: 8008-51-3

Status: natural FCCIV: no

CoE No: 130

FEMA: 2231

Additives: none

FDA: 172.510

IFRA: not restricted

Application: Aromatherapy, skin care etc

RIFM: monograph

EC No: 295-980-1

EINECS CAS No: 92201-50-8

INCI name: Cinnamomum camphora (Camphor) Bark Oil

## 3. HAZARDS IDENTIFICATION:

Xn Harmful, N Dangerous for the environment

## 4. FIRST-AID MEASURES:

INHALATION: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.

SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION: Rinse mouth out with water. Seek medical advice **immediately**.

OTHER: When assessing action take Risk & Safety Phrases into account (Section 15)

## 5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA Use CO<sub>2</sub>, Dry Powder or Foam of Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

## 6. ACCIDENTAL RELEASE MEASURES.

Camphor Oil, White

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PERSONAL PRECAUTIONS:	Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.
ENVIRONMENT PRECAUTIONS:	Keep away from drains, soils, surface & groundwaters.
CLEANING UP METHODS FOR SPILLAGES:	Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, or sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

## 7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING:	Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
STORAGE CONDITIONS:	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.
FIRE PROTECTION:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

RESPIRATORY PROTECTION:	Avoid breathing product vapour. Apply local ventilation where possible.
VENTILATION:	Ensure good ventilation of working area.
HAND PROTECTION:	Avoid all skin contact. Use chemically resistant gloves if required.
EYE PROTECTION:	Use safety glasses.
WORK/HYGIENE PRACTICES:	Wash hands with soap & water after handling.

## 9. PHYSICAL & CHEMICAL PROPERTIES.

Colour:	Colourless Liquid
Appearance:	Mobile liquid
Odour:	Characteristic, cineol like
Flash-point °C:	47
Specific Gravity @ 20°C:	0.870 to 0.918
Refractive index @ 20°C:	1.462 to 1.475

## 10. STABILITY & REACTIVITY.

REACTIVITY:	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
DECOMPOSITION:	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

## 11. TOXICOLOGICAL INFORMATION.

Found to be non-irritating, non-sensitising (However see section 16) & non-photo-toxic.  
 LD<sub>50</sub> oral-rat: 5.1mg/kg (other data indicates 3730mg/kg)  
 LD<sub>50</sub> skin-rabbit > 5g/kg  
 See D.L.J. Opdyke "Fragrance Raw Material Monographs: Camphor Oil White" (1973) FCT, 11, 1047.

## 12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY:	Data not available
PRECAUTIONS:	Prevent surface contamination of soil, ground & surface water.

## 13. DISPOSAL CONSIDERATIONS.

Dispose of according to local regulations.

Camphor Oil, White

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Avoid disposing to drainage systems and into the environment.

#### 14. TRANSPORT REGULATIONS.

UN 1130: applies  
Road (ADR/RID): Class 3 Packing Group III  
AIR (IATA): Class 3 Packing Group III  
SEA (IMDG): Class 3 Packing Group III  
CHIP: see section 15

#### 15. REGULATORY INFORMATION.

HAZARDS: Harmful, Dangerous for the environment  
SYMBOLS: Xn, N  
RISK PHRASES: R10 Flammable liquid  
R38 Irritating to skin  
R43 May cause sensitisation by skin contact  
R50/53 Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment  
R65 Harmful: may cause lung damage if swallowed  
SAFETY PHRASES: S24 Avoid contact with skin  
S37 Wear suitable gloves  
S61 Avoid release to the environment. Refer to special instructions / safety data sheets  
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show container or label

#### 16. OTHER INFORMATION.

Cosmetics Directive 7<sup>th</sup> Amendment: Restrictions may apply. A source of Limonene and Linalool, listed as sensitisers. Check maximum usage levels for skin care products.

#### PACKAGING:

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	No
F/HDPE	Yes
Other plastic	No

#### SHELF LIFE

When stored within advised conditions, re-test after 12 months then at 3 monthly intervals up to a maximum life of 36 months.

#### Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.

Camphor Oil, White

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