

**01. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY UNDERTAKING****1.1 Product Identifier**

1.1 Product Identifier	Camphor Oil White				
Biological Definition	Cinnamomum Camphora Bark Oil is the volatile oil expressed, by steam distillation, from the bark of the Camphor, Cinnamomum camphora (L.), Lauraceae.				
INCI Name	Cinnamomum Camphora Bark Oil				
Synonyms Trade Names	-				
CAS Number	92201-50-8 8022-9 1 8008-51-3	EC Number	295-980-1	EINECS No.	295-980-1

1.2 Relative identified uses of the substance or mixture and uses advised against

Recommended use; Industry Use.

1.3 Details of the supplier of the safety data sheet

Calmer Solutions Limited - Hadresham, Woolborough Lane, Outwood, Surrey, England RH1 5QR - Reg No 4992013

1.4 Emergency Telephone Number

In case of a medical emergency following exposure to a chemical, call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 (UK Only)

02. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

The Full Text for all Hazard Statements displayed in Section 16.

Classification (EC 1272 / 2008)

Aspiration toxicity	Category 1 - (H304). Skin corrosion/irritation	Category 2 - (H315).
Serious eye damage/eye irritation (H317). Chronic aquatic toxicity (H226).	Category 2 - (H319). Skin sensitization Category 2 - (H411). Flammable Liquids	Category 1 - Category 3 -

GHS02

GHS07

GHS08

GHS09

None



Signal Word

Danger

Contains

D-Limonene, Alpha-Terpinene, D-3-Carene, Para-Cymene,

Hazard Statements

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P370 In case of fire:
P378 Use... for extinction.
P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P301 IF SWALLOWED:
P310 Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.
P302 IF ON SKIN:
P352 Wash with plenty of soap and water.
P333 If skin irritation or rash occurs:
P313 Get medical advice/attention.
P305 IF IN EYES:
P351 Rinse cautiously with water for several minutes.
P338 Remove contact lenses, if present and easy to do. Continue rinsing.
P337 If eye irritation persists:
P313 Get medical advice/attention.
P273 Avoid release to the environment.

Supplementary Precautionary Statements

None Identified

2.3 Other Hazards

PBT or PvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	Toxic to aquatic life.
Adverse effects on human health	May be harmful if swallowed.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

35 - 40 % Eucalyptol

CAS No: 470-82-6 EC No: 207-431-5

Classification (EC 1272/2008): Skin Irrit. 3 (316) (EFFA), Acute Tox. 5 (H503)(EFFA), Flam. Liq. 3 - H226 (EFFA)

15 - 40 % d-Limonene

CAS No: 5989-27-5 EC No: 227-813-5

Classification (EC 1272/2008): Flam. Liq. 3 - H226, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410, Skin Irrit. 1 - H410, Skin Sens. 1 - H317

5 - 15 % **Alpha-Terpineol**

CAS No: 98-55-5 EC No: 202-680-6

Classification (EC 1272/2008): Aquatic Acute 2 - H401, Eye Irrit. 1 - H319, Skin Irrit 2 - HH315, Acute Tox. 5 - H303, Flam. Liq. 4 - H227

5 - 20 % **D-3-Carene**

CAS No: 13466-78-9 EC No: 236-719-3

Classification (EC 1272/2008): Skin Sens. 1 - H317, Skin Irrit. 2 - H315, Asp. Tox. 1 - H304, Acute Tox. 5 - H303, Flam. Liq. 3 - H226

2.5 - 10 % **p-cymene**

CAS No: 99-87-6 EC No: 202-796-7

Classification (EC 1272/2008): Flam. Liq. 3 - H226, Asp. Tox. 1 - H304, Acute Tox. 5 - H303, Aquatic Chronic 2 - H411, Skin Irrit 3 - H316

04. FIRST AID MEASURES

4.1 Description of first aid measures

41 Inhalation:	Move to fresh air in case of accidental inhalation of vapours. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.
41 Ingestion:	Do not induce vomiting without medical advice. Clean mouth with water. Never give anything by mouth to an unconscious person. Get medical attention.
41 Eye:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
41 Skin:	Remove contaminated clothing and shoes. Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse. Consult a physician if necessary.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms None known.

4.3 Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

05. FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Carbon dioxide, Chemical Powder or Foam. Do not use a direct stream of water.

5.2 Special hazards arising from the product

In case of fire Carbon Monoxide and other unidentified organic compounds may be released.

5.3 Advice for firefighters

In case of insufficient ventilation use suitable respiratory equipment. Wear chemical protective clothing.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas. Use personal protection recommended in Section 8.

6.2 Environmental Precautions

Collect spillage.

6.3 Methods and material for containment and clearing up

Methods for Containment. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13). Methods for cleaning up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Sweep up and shovel into suitable containers for disposal.

6.4 Reference to other sections

No additional data available.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling Ensure adequate ventilation, especially in confined areas. General hygiene considerations
Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including and incompatibilities

Storage Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s)

No additional data available.

08. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Chemical Name "EU/ UK Italy/Austria/ Poland/Netherlands/Ireland Portugal Finland TWA: 25 ppm- TWA: 140 mg/m³
STEL: 50ppm STEL: 260mg/m³ TWA: 20ppm --Spain TWA: 20ppm TWA: 113 mg/m³" "Germany TWA: 5ppm TWA:
28mg/m³ Ceiling/Peak: 20ppm Ceiling/Peak: 112mg/m³ Skin---Switzerland Norway STEL: 14ppm STEL: 37.5
ppm STEL: 80mg/m³ STEL: 175 mg/m³ TWA: 7ppm TWA: 25ppm TWA: 40mg/m³ TWA: 140 mg/m³ TWA:
25ppm- TWA: 140mg/m³ STEL: 25 ppm STEL: 140mg/m³" France Limonene TWA: 1000mg/m³

5889-27-5 STEL: 1500mg/m³ D-3-Carene TWA: 1000mg/m³ 13466-78-6 STEL: 1500mg/m³ Alpha-Terpinene
TWA: 1000mg/m³ 99-86-5 STEL: 1500mg/m³ Para-Cymene TWA: 150mg/m³ 99-87-6 TWA: 1000mg/m³
STEL: 1500mg/m³ Chemical Name Denmark Limonene 5889-27-5 - D-3-Carene 13466-78-6 - Para-
Cymene TWA: 25ppm 99-87-6 TWA: 135mg/m³ Chemical Name D-3-Carene 13466-78-6

8.2 Exposure controls

Protective Equipment

Goggles



Overalls



None

None

None

Process Conditions:

Provide eyewash station.

Engineering Measures:

Provide adequate ventilation.

Respiratory Equipment:

Avoid inhalation of vapour.

Hand Protection:

Avoid skin contact. Wear protective gloves.

Eye Protection:	Wear protective goggles to prevent eye contact.
Other Protection:	Slip proof shoes may be worn in event of spillages.
Hygiene Measures:	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection:	Avoid inhalation of vapour and contact with skin and eyes.
Skin Protection	Wear overalls or laboratory coat to protect from skin contact.
Environmental Exposure Controls:	Avoid discharging into drainage water.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Clear liquid, colourless to pale yellow.
Colour:	Colourless to pale yellow.
Flash Point:	45
Odour:	Characteristic
Relative Density:	0.855 – 0.910 @ 20°C
Refractive:	1.462 – 1.475 @ 20°C
Melting Point:	No additional data available.
Boiling:	No additional data available.
Vapour:	< 0.001
Solubility:	No additional data available.
Auto Ignition:	No additional data available.

9.2 Other Information

No additional data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No additional data available.

10.2 Chemical Stability

Stable under normal conditions. Explosion data Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge

10.3 Possible hazardous reactions

No possibility of hazardous reactions under normal processing.

10.4 Conditions to avoid

Avoid extremes of temperature and direct sunlight.

10.5 Incompatible materials

No additional data available.

10.6 Hazardous Decomposition Products

None under normal use conditions.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxological effects

Acute Toxicity:	Product does not present an acute toxicity hazard based on known or supplied information. Inhalation No data available. Eye Contact No data available. Skin contact No data available. Ingestion No data available. The following values are calculated based on chapter 3.1 of the GHS document ATEmix (oral) 2,800.00 ATEmix (dermal) 24,444.00 Unknown acute toxicity 12% of the mixture consists of ingredient(s) of unknown toxicity. Chemical Name Oral LD50 Dermal LD50 Inhalation LC50 EUCALYPTOL = 2480 mg/kg (Rat) D-LIMONENE, = 4400 mg/kg (Rat) > 5 g/kg (Rabbit) ALPHA-TERPINENE = 1680 mg/kg (Rat) D-3-CARENE = 4800 mg/kg (Rat) PARA-CYMENE = 3669 mg/kg (Rat)
Respiratory or skin sensitisation:	No additional data available.
Skin corrosion/irritation:	No additional data available.
Serious Eye damage/irritation:	No additional data available.
Germ Cell Mutagenicity:	No additional data available.
Carcinogenicity:	No additional data available.
Reproductive toxicity:	No additional data available.
STOT Single exposure:	No additional data available.
STOT Repeated exposure:	No additional data available.
Photo-toxicity:	No additional data available.
Aspiration hazard:	No additional data available.
Other Information:	No additional data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

24 % of the mixture consists of component(s) of unknown hazards to the aquatic environment	
Chemical Name	
Eucalyptol	D-Limonene
	Algae/aquatic plants -
Fish	95.4 - 109: 96 h 0.619 - 0.796: 96 h
promelas mg/L	mg/L LC50 flow-through 35: 96 h LC50 flow-through
mg/L LC50 Crustacea	-
	Pimephales promelas Pimephales Onchorhynchus mykiss

12.2 Persistence Degradability

No additional data available.

12.3 Bioaccumulation Potential

Para-Cymene Partition Co-efficient = 4.1

12.4 Mobility in soil

No additional data available.

12.5 Results of PBT and vPvB Assessment

No additional data available.

12.6 Other adverse effects

Do not discharge into the environment especially not into waterways, sewers and the sea.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste from Residues / Unused Products Disposal should be in accordance with applicable regional, national and local laws and regulations. Contaminated packaging Improper disposal or reuse of this container may be dangerous and illegal.

14. TRANSPORT INFORMATION

14.1 UN number

Road:	2319
Sea:	2319
Air:	2319

14.2 UN Proper shipping name

Terpenes; hydroca

14.3 Transport hazard class(es)

ADR/RID/ADN Class: 3 Flammable Liquid. IMDG Class: 3 Flammable Liquid. ICAO Class/Division: 3 Flammable Liquid.

Cl. 3_140_s

Terpenes; hydroc

Terpenes; hydroc



14.4 Packing group

ADR/RID/ADN Packing group III IMDG Packing group III ICAO Packing group III

14.5 Environmental Hazards

Environmentally H

Umwelt_140

Terpenes; hydroc

Terpenes; hydroc



14.6 Special precautions for users

No additional data available.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No additional data available.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance

Statutory Instruments The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance Notes Workplace Exposure Limits EH40. CHIP for everyone HSG(108). EU Legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 Chemical safety assessment

No additional information available.

16. OTHER INFORMATION

Hazard or precaution	H226 - Flammable liquid and vapour. H302 - Harmful if swallowed. H303 - May be harmful if swallowed. H304 - May be fatal if swallowed and enters airways. H315 - Causes skin irritation. H316 - Causes mild skin irritation H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation.
Other Information::	H400 - Very toxic to aquatic life. H410 - Very toxic to aquatic life with long lasting effects. H411 - Toxic to aquatic life with long lasting effects.
Revision Date:	4/1/2022
Reason:	New SDS
Revision Number:	2

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for his own particular use.