

SAFETY DATA SHEET

EC Regulation No.1907/2006 (REACH) & 1272/2008 (CLP)

THIS PRODUCT IS FOR EXTERNAL USE ONLY- DO NOT INGEST

1 IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier

Commercial Name: CAMPHOR OIL WHITE
INCI Name: CINNAMOMUM CAMPHORA BARK OIL
CAS No: 92201-50-8 / 8022-91-1 / 8008-51-3
EINECS No: 295-980-1 / - / -
TSCA CAS No: -
REACH Reg No: 01-2120082524-56-XXXX
Chemical Name: -
Botanical Name: -
Origin: China

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

Identified use (s): Essential Oil. Perfume/masking/tonic material for manufacturing purposes only.

1.3 Details of the supplier of the safety data sheet

Company Name: BAY HOUSE INGREDIENTS
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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to the current IFRA/ IOFI 2020 Labelling Manual and Regulation (EC) No. 1272/2008 (CLP)

Hazard Class	Abbreviation	Hazard Category	Hazard Code	Hazard Statement
Flammable Liquid	FL	3	H226	Flammable liquid & vapour
Aspiration Hazard	AH	1	H304	May be fatal if swallowed and enters airways
Acute Toxicity Oral	ATO	5	H303	May be harmful if swallowed
Skin Corrosion/Irritation	SCI	2	H315	Causes skin irritation
Skin Sensitisation	SS	1	H317	May cause an allergic skin reaction
Reproductive toxicity	REP	2	H361	Suspected of damaging fertility or the unborn child
Environmental Acute	EHA	2	H401	Toxic to aquatic life
Environmental Chronic	EHC	2	H411	Toxic to aquatic life with long lasting effects

2.2 Label elements

Symbols:



Signal word: DANGER

UN Global Harmonised System Precautionary Statements (CLP)

	Prevention Statements
P210	Keep away from heat/sparks/open flames/hot surface. No smoking
P280	Wear protective gloves/clothing, eye/face protection
P264	Wash hands thoroughly after handling
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment



	Response Statements
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P321/363	Protective clothing should be washed before reuse
P331	Do NOT induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse.
P353	Rinse skin with water/shower.
P305	IF IN EYES: Rinse cautiously with water for several minutes.
P351/338	Remove contact lenses if present and easy to do. Continue rinsing.
P337/313	If eye irritation persists: get medical advice/attention
P370/378	In case of fire: Use carbon dioxide, foam or dry powder for extinction.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P391	Collect spillage

	Storage and Disposal Statements
P403	Store in a well ventilated place.
P235	Keep cool
P501	Dispose of contents and container in accordance with international regulation

3. COMPOSITION/INFORMATION ON CONSTITUENTS

3.1 Nature Of Product CAMPHOR OIL WHITE (100% Pure & Natural)

Camphor Oil White, the essential oil of *Cinnamomum camphora* (Lauraceae), is obtained from fractional distillation of the decamphorized crude camphor oil.

3.2 Constituents

These indicative levels should be taken into account when determining the compliance of the essential oil under its condition of use. (In accordance with Regulation (EC) No 1272/2008 and IFRA/IOFI Labelling Manual 2020 Classified constituents $\geq 0.1\%$, no Aspiration hazard & Flammability)

CONSTITUENT	CAS NUMBER	\leq %	RELEVANT GHS
1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	76-22-2	0,5	STOT SE 2;H371 Skin Irrit. 2;H315 Eye Dam. 1;H318 Aquatic Chronic 2;H411 Aquatic Acute 2;H401 Acute Tox. 4 (Oral);H302 Acute Tox. 4 (Inhalation:dust,mist);H332
4-Carvomenthenol	562-74-3	3.0	Acute Tox. 4 (Oral);H302 Acute Tox. 5 (Dermal);H313 Skin Irrit. 2;H315 Eye Irrit. 2B;H320 STOT SE 3;H336 Aquatic Acute 2;H401 Acute Tox. 4 (Inhalation:dust,mist);H332
alpha-Phellandrene	99-83-2	5.0	Aquatic Chronic 1;H410 Aquatic Acute 1;H400
alpha-Pinene	80-56-8	10.1	Acute Tox. 4 (Oral);H302 Skin Irrit. 2;H315 Skin Sens. 1B;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410
alpha-Terpineol	98-55-5	3.0	Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Aquatic Acute 2;H401
beta-Pinene	127-91-3	6.5	Skin Irrit. 2;H315 Skin Sens. 1B;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410
cis-beta-Ocimene	3338-55-4	0.2	Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Aquatic Acute 1;H400 Aquatic Chronic 2;H411
delta-3-Carene	13466-78-9	2.4	Skin Sens. 1;H317 Skin Irrit. 2;H315 Acute Tox. 5 (Oral);H303 Acute Tox. 4 (Inhalation:dust,mist);H332 Aquatic Acute 2;H401 Aquatic Chronic 2;H411
dl-Limonene (racemic)	138-86-3	32.0	Skin Irrit. 2;H315 Skin Sens. 1B;H317 Aquatic Acute 1;H400 Aquatic Chronic 3;H412
Eucalyptol (1,8 Cineol)	470-82-6	43.0	Acute Tox. 5 (Oral);H303 Skin Sens. 1B;H317 Eye Irrit. 2B;H320 Aquatic Acute 3;H402
Linalool	78-70-6	0.4	Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Skin Sens. 1B;H317 Aquatic Acute 3;H402

3. COMPOSITION/INFORMATION ON CONSTITUENTS

3.2 Constituents

CONSTITUENT	CAS NUMBER	<= %	RELEVANT GHS
Myrcene	123-35-3	5.2	Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Aquatic Acute 1;H400 Aquatic Chronic 2;H411
p-Cymene	99-87-6	12.0	Skin Irrit. 3;H316 Repr. 2;H361 Aquatic Chronic 2;H411 Aquatic Acute 2;H401 Acute Tox. 5 (Oral);H303
p-Mentha-1,3-diene	99-86-5	2.5	Acute Tox. 4 (Oral);H302 Skin Irrit. 3;H316 Aquatic Acute 2;H401 Aquatic Chronic 2;H411
p-Mentha-1,4-diene	99-85-4	10.0	Skin Irrit. 3;H316 Repr. 2;H361 Acute Tox. 5 (Oral);H303
Sabinene	3387-41-5	15.0	Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H335 Skin Sens. 1;H317 Aquatic Acute 1;H400
Terpinolene	586-62-9	3.0	Skin Sens. 1B;H317 Skin Irrit. 3;H316 Aquatic Chronic 1;H410 Aquatic Acute 1;H400 Acute Tox. 5 (Oral);H303
trans beta-Ocimene	3779-61-1	0.5	Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Aquatic Acute 1;H400 Aquatic Chronic 2;H411
trans-Linalool oxide-3,6-oxide	34995-77-2	0.1	Acute Tox. 4 (Oral);H302 Acute Tox. 5 (Dermal);H313 Skin Irrit. 3;H316 Eye Irrit. 2A;H319

Allergen Constituents Information (7th Amendment Cosmetic Directive 76/768/EEC):

Batch analysis may show levels different to those indicated above, where this is available batch specific analyzed levels can then be used .instead of the indicative levels.

4. FIRST AID MEASURES

4.1 Description of first aid measures

- Ingestion:** Do not induce vomiting, give a glass of water. Seek urgent medical attention and show this information.
- Inhalation:** Remove casualty to fresh air, keep respiratory passages clear and seek urgent medical attention.
- Eye contact:** Irrigate with sterile water or saline for at least 15 minutes. Seek urgent medical attention if irritation persists or tissue damage is apparent.
- Skin contact:** Remove contaminated clothing wash thoroughly with soap and water and rinse. If causes irritation after prolonged contact, if so seek medical advice.

5. FIRE-FIGHTING MEASURES

- 5.1 Extinguisher** Use CO₂, Foam or Powder extinguishers only.
DO NOT USE WATER JETS.
- 5.2 Special hazards** Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO₂ (carbon dioxide).

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Safety Precautions** Avoid contact with skin and eyes. Wear safety gloves, clothing and glasses.
(Consult sections 7 & 8 for additional information)
- 6.2 Environmental Safety Precautions** Eliminate all sources of ignition.
Prevent any material entering drains or waterways
- 6.2 Methods and materials for containment and clean up** Absorb spills into an inert absorbent material (e.g. proprietary oil drying granules or sand NOT sawdust or other flammable materials.)
Wash area clean with water and detergent.
Transfer all waste to an approved waste disposal container, observing national legislation.

7. HANDLING AND STORAGE

- 7.1 Handling Precautions** Only use in a well ventilated area. Observe good housekeeping procedures when handling the product. Do not eat, drink or smoke.
- 7.2 Storage Precautions** Product is stable at room temperature.
Keep away from sources of ignition.
Store in tightly sealed containers, in a cool dry place away from direct sunlight.
Prevent access by unauthorised personnel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ingredient comments:

1, 8 cineole (CAS: 470-82-6)

- DNEL Workers - Inhalation; Long term systemic effects: 7.05 mg/m³
Workers - Dermal; Long term systemic effects: 2 mg/kg, bw/day
General population - Inhalation; Long term systemic effects: 1.74 mg/m³
General population - Dermal; Long term systemic effects: 1 bw/day, mg/kg
General population - Oral; Long term systemic effects: 600 bw/day, mg/kg
- PNEC Fresh water; Short term 5.7 mg/l
Intermittent release, Fresh water; 0.57 mg/l
marine water; Short term 5.7 mg/l
STP; Short term 10 mg/l
Sediment (Freshwater); Short term 1.425 mg/kg
Sediment (Marinewater); Short term 0.142 mg/kg
Soil; Short term 0.25 mg/kg

Alpha Pinene (CAS: 80-56-8)

DNEL Workers - Inhalation; Long term systemic effects: 3.8 mg/m³
Workers - Dermal; Long term systemic effects: 0.54 mg/kg, bw/day
General population - Inhalation; Long term systemic effects: 0.67 mg/m³
General population - Dermal; Long term systemic effects: 0.19 mg/kg, bw/day
General population - Oral; Long term systemic effects: 0.19 mg/kg, bw/day
PNEC Fresh water; Short term 0.606 mg/l
Fresh water, Intermittent release; 3.03 mg/l
marine water; Short term 0.061 mg/l
Intermittent release, marine water; 0.303 mg/l
STP; Short term 0.2 mg/l
Sediment (Freshwater); Short term 157 mg/kg
Sediment (Marinewater); Short term 15.7 mg/kg
Soil; Short term 31.7 mg/kg

Beta Pinene (CAS: 127-91-3)

DNEL Workers - Inhalation; Long term systemic effects: 5.69 mg/m³
Workers - Dermal; Long term systemic effects: 0.8 mg/kg, bw/day
General population - Inhalation; Long term systemic effects: 1 mg/m³
General population - Dermal; Long term systemic effects: 0.3 bw/day, mg/kg
General population - Oral; Long term systemic effects: 0.3 mg/kg, bw/day
PNEC Fresh water; Short term 1.004 mg/l
Intermittent release, Fresh water; 5.02 mg/l
marine water; Short term 0.1 mg/l
STP; Short term 3.26 mg/l
Sediment (Freshwater); Short term 0.337 mg/kg
Sediment (Marinewater); Short term 0.034 mg/kg
Soil; Short term 0.067 mg/kg

7-methyl-3-methyleneocta-1,6-diene (CAS: 123-35-3)

DNEL Workers - Dermal; Long term systemic effects: 0.83 mg/kg
Workers - Inhalation; Long term systemic effects: 5.83 mg/m³
General population - Dermal; Long term systemic effects: 0.42 mg/kg
General population - Inhalation; Long term systemic effects: 1.25 mg/m³
PNEC STP; 0.2 mg/l
Soil; 1.015 mg/kg
Fresh water; 0.00028 mg/l
marine water; 0.0008 mg/l
Sediment (Freshwater); 5.022 mg/kg
Sediment (Marinewater); 0.502 mg/kg

a terpinolene (CAS: 586-62-9)

DNEL Workers - Inhalation; Long term systemic effects: 3.6 mg/m³
Workers - Dermal; Long term systemic effects: 0.52 bw/day, mg/kg
General population - Inhalation; Long term systemic effects: 0.9 mg/m³
General population - Dermal; Long term systemic effects: 0.26 bw/day, mg/kg
General population - Oral; Long term systemic effects: 0.26 bw/day, mg/kg
PNEC Fresh water; Short term 0.634 mg/l
Intermittent release, Fresh water; Short term 0.634 mg/l
marine water; Short term 0.063 mg/l
STP; Short term 0.2 mg/l
Sediment (Freshwater); Short term 14.7 mg/kg
Sediment (Marinewater); Short term 14.7 mg/kg
Soil; Short term 29.1 mg/kg

p-menth-1-en-8-ol (CAS: 98-55-5)

PNEC - Fresh water; Short term 68 mg/l
marine water; Short term 6.8 mg/l
STP; Short term 2.6 mg/l
Sediment (Freshwater); Short term 1.85 mg/kg
Sediment (Marinewater); Short term 0.185 mg/kg
Soil; Short term 0.329 mg/kg

8.2 Exposure controls

Respiratory Protection: Ensure adequate ventilation.
If ventilation is insufficient use approved respirators.

Skin/Hand Protection: Wear personal protective equipment. Use chemical resistant safety gloves.
Polyvinyl alcohol or nitrile rubber gloves are recommended.

Eye/Face Protection: Wear safety glasses/visors. Ensure eye washes are available.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:	Liquid
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	No information available
pH:	No information available
Melting point:	< - 20°C
Initial boiling point and range:	REACH dossier information. 155-172°C @ 1012 hPa
Flash point:	46°C
Evaporation rate:	No information available
Evaporation factor:	No information available
Flammability (solid, gas):	No information available
Upper flammability or explosive limits:	No information available
Lower flammability or explosive limits:	No information available
Other flammability:	No information available
Vapour pressure:	200 Pa @ 25°C
Vapour density:	No information available
Relative density@ 20°C:	0.8700 - 0.9100
Bulk density:	No information available
Solubility(ies):	Slightly soluble in water. 0.1-100 mg/L
Partition coefficient:	No information available
Auto-ignition temperature:	No information available
Decomposition Temperature:	No information available
Viscosity:	No information available
Explosive properties:	No information available
Explosive under influence of a flame:	No information available
Oxidising properties:	No information available

9.2. Other information

Refractive index@ 20°C:	1.4620 - 1.4720
Particle size:	No information available.
Molecular weight:	No information available.

10. STABILITY AND REACTIVITY

10.1. Reactivity	There are no known reactivity hazards associated with this product.
10.2. Chemical stability	Stable at normal ambient temperatures and when used as recommended.
10.3. Possibility of hazardous reactions	Will not polymerise.
10.4. Conditions to avoid	Keep away from any source of ignition.
10.5. Incompatible materials	Avoid strong oxidisers, acids and alkalis.
10.6. Hazardous decomposition products	Decomposition may release carbon dioxide, carbon monoxide and other organic compound fumes.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Oral LD50: LD₅₀ 5100 mg/kg, Oral, Rat **This product is NOT intended for oral use.**
ATE oral (mg/kg) 4,065.04

LD₅₀ dosage levels are only a guideline obtained from historical data, Bay House Ingredients does not test its products on animals.

Skin corrosion/irritation: Causes skin irritation
Serious eye damage/irritation: Causes eye irritation.
Respiratory sensitisation: May be fatal if swallowed and enters airways
Skin sensitisation: May cause an allergic skin reaction
Germ cell mutagenicity: No cause
Carcinogenicity: No cause

11.2 Information on other hazards

Endocrine disrupting properties : No information available

12. ECOLOGICAL INFORMATION

12.1 Toxicity No data available

12.2 Persistence and degradability Readily biodegradable.

12.3 Bioaccumulative potential Partition coefficient, Log Kow, of the substance Sabinene (CAS 3387-41-5), is 4.64. Sabinene cannot be excluded as potential Bioaccumulative in a PBT context.

12.4 Mobility in soil No information available

12.5 Results of PBT and vPvB assessment No information available

12.6 Endocrine disrupting properties No information available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods Do not pour into drains or waterways.
Care must be used to prevent the product contaminating rivers, waterways or drains. Should this happen alert the relevant authorities in accordance with statutory procedures

Comply with local and national regulations for waste disposal. Empty containers should be washed thoroughly with detergent before being sent for disposal.
Washings should be disposed of as waste.

14. TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

UN Shipping Name (N.O.S.): UN 1130 CAMPHOR OIL
ADR/RID (Road/Rail): Class 3
IMDG/IMO (Sea): Class 3
ICAO/IATA (Air): Class 3
UN Number: 1130
Packing Group: III
Subsidiary Risk:
Packing Instructions: Miscellaneous dangerous substances and articles, transport in suitable container.

Labelling according to ADR/RID, IMDG/IMO and ICAO/IATA:

UN Shipping Name: UN 1130 CAMPHOR OIL, 3, III, ENVIRONMENTALLY HAZARDOUS



15. REGULATORY INFORMATION

Product Classification: CAMPHOR WHITE OIL

This product is labelled according to the criteria of Directive CLP 1272/2008/EC.

Classification:



DANGER
UN 1130

Hazard Categories:

FL 3	Flammable liquid
AH 1	May be fatal if swallowed and enters airways
ATO 5	May be harmful if swallowed
SCI 2	Causes skin irritation
SS 1	May cause an allergic skin reaction
REP 2	Suspected of damaging fertility or the unborn child
EH A2, C2	Toxic to aquatic life Toxic to aquatic life with long lasting effects

16. ADDITIONAL INFORMATION

Legal disclaimer:

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive. Bay House Ingredients is a Division of Aroma Trading Ltd, Registered No. 02698381, V.A.T. Registration No. 600 516 981 and as such, shall not be held liable for any damage resulting from handling or from contact with the product, since the conditions of use are out of our control. It is the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.