

## **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

- 1.1 Product identifier:** Ecodrop Camphor White Essential Oil  
**Chemical name:** Camphor tree, ext.: Cinnamomum camphora, oil  
**CAS:** 8008-51-3 **EC Number:** 295-980-1  
**Index No.:** **REACH Registration number:** {?/REACH}
- 1.2 Relevant identified uses of the substance or mixture:** Industrial uses. Formulation [mixing] of preparations.  
**Uses advised against:** Other uses than those recommended. Do not ingest as such.
- 1.3 Details of the supplier of the safety data sheet:**  
Ecodrop Limited  
Pembroke Lodge, 3 Pembroke Road, Ruislip HA4 8NQ  
support@ecodrop.co.uk
- 1.4 Emergency telephone number:**  
**24 Hour Emergency telephone number:** UK emergency contact number 999 USA National Poison Control Center (any day/time) 1 (412) 681-6669.

## **SECTION 2: Hazards identification**

### **2.1 Classification of the substance or mixture**

**Classification according to the Regulation (EC) No 1272/2008.**

Flammable liquids, Hazard Category 3; H226 Skin  
corrosion/irritation, Hazard Category 2; H315  
Sensitization — Skin, Hazard Category 1; H317  
Aspiration hazard, Hazard Category 1; H304  
Hazardous to the aquatic environment — acute hazard, category acute 1; H400  
Hazardous to the aquatic environment — long-term hazard, category chronic 1; H410.

### **2.2 Label elements**

EC Number: 295-980-1  
Camphor tree, ext.



Signal word: Danger

**Hazard Statements:**

- H226: Flammable liquid and vapor.  
 H304: May be fatal if swallowed and enters airways.  
 H315: Causes skin irritation.  
 H317: May cause an allergic skin reaction.  
 H410: Very toxic to aquatic life with long lasting effects.

**Precautionary Statements:**

- P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P280: Wear protective gloves/eye protection/face protection.  
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
 P331: Do NOT induce vomiting.  
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
 P501: Dispose of contents/container to an approved waste disposal plant.

### 2.3 Other hazards

Not available.

## **SECTION 3: Composition/information on ingredients**

### 3.1 Substances

Concentration range of the constituent (% weight/weight)	CE Number / Registration Number	CAS	Chemical name
≥50% and ≤100	295-980-1	8008-51-3	Camphor tree, ext.

The chemical identity of any impurity, stabilizing additive, or individual constituent other than the main constituent:

Concentration (%)	CAS	EC Number	Chemical name	Hazard Class and Category Code; Hazard statement codes
<40,00	470-82-6	207-431-5	4,7,7-trimethyl-8-	Flam. Liq. 3;H226-

Concentration (%)	CAS	EC Number	Chemical name	Hazard Class and Category Code; Hazard statement codes
			oxabicyclo[2.2.2]-octane	Skin Sens. 1B;H317 <sup>[1]</sup>
<30,00	5989-27-5	227-813-5	(R)-p-Mentha-1,8-diene	Flam. Liq. 3;H226-Skin Irrit. 2;H315-Skin Sens. 1;H317-Asp. Tox. 1;H304-Aquatic Acute 1;H400- Aquatic Chronic 1;H410 <sup>[1]</sup>
<20,00	1330-16-1	215-533-6	Pinene	Flam. Liq. 3;H226-Skin Irrit. 2;H315-Skin Sens. 1;H317-Asp. Tox. 1;H304-Aquatic Acute 1;H400- Aquatic Chronic 1;H410 <sup>[1]</sup>
<1,00	21368-68-3	244-350-4	DL-Bornan-2-one	Flam. Sol. 2;H228-Acute Tox. 4;H302-Acute Tox. 4;H332-STOT SE 2;H371 <sup>[1]</sup>

[1] Constituent.

## **SECTION 4: First aid measures**

### **4.1 Description of first aid measures**

Consumption:	If swallowed, rinse mouth with water. Seek medical advice immediately and show this container or label. Do NOT induce vomiting.
Eye contact:	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Inhalation:	Remove person to fresh air and keep at rest.
Skin contact:	Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention.

### **4.2 Most important symptoms and effects, both acute and delayed:**

May produce an allergic reaction.

### **4.3 Indication of any immediate medical attention and special treatment needed**

Not available.

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media:**

Recommended: Foam or dry powder.

For safety reasons do not use full water jet.

### **5.2 Special hazards arising from the substance or mixture:** Not applicable.

### **5.3 Advice for firefighters:**

Closed containers may build up pressure at elevated temperatures.

Avoid inhalation of fumes or vapours. Use appropriate respiratory protection.

Prevent run-off from firefighting to enter drains or water courses.

## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures:**

Do NOT smoke and do NOT expose the product to an open flame or to any other potential source of ignition.

Wear appropriate gloves to prevent skin exposure.

Avoid contact with skin and inhalation of its vapours or smoke.

Maintain adequate ventilation in the working area after spilling.

### **6.2 Environmental precautions:**

Avoid contaminating the environment via the sewers or water sources.

### **6.3 Methods and material for containment and cleaning up:**

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).

Ventilate area and wash spill site after material pickup is complete.

Dispose of in accordance with current laws and regulations.

### **6.4 Reference to other sections:**

See also sections 8 and 13.

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling:**

Keep away from food, drink and animal feeding stuffs. Do not smoke.

Avoid contact with skin and eyes.

Handle in accordance with good industrial hygiene and safety practice.

#### 7.2 Conditions for safe storage, including any incompatibilities:

Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.

#### 7.3 Specific end use(s):

Not available.

### **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

Occupational Exposure Limits:

Spain			
Name of agent	Limit value - 8 hours	Limit value - Short term	Notation
Pinene	113 mg/m <sup>3</sup>		-

#### 8.2 Exposure controls

Personal protection equipment:	Use personal protection equipment according to Directive 89/686/EEC.
Engineering Controls-Ventilation:	The areas where the product is handled and stored should be adequately ventilated.
Respiratory Protection:	Use personal breathing apparatus whenever deemed necessary.
Skin Protection:	Avoid contact with skin. Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.
Eye/Face protection:	Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

### **SECTION 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

Appearance:	LIQUID
Color:	COLORLESS

Odor:	CINEOLIC
Density:	0.875 g/cm <sup>3</sup> (20 °C)
Refractive Index:	1.450 - 1.470 (20 °C)
Flash point:	47 °C
Additional information:	Not applicable.

## **SECTION 10: Stability and reactivity**

**10.1 Reactivity:** Not available.

**10.2 Chemical stability:** Stable under normal operating conditions.

**10.3 Possibility of hazardous reactions:**

Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions.

**10.4 Conditions to avoid:** Heat, flames and other sources of ignition.

**No special precautions other than good housekeeping of chemicals.**

**10.5 Incompatible materials:** Oxidizing mineral acids, strong reducing agents, strong oxidizing agents.

**10.6 Hazardous decomposition products:** Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

## **SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

Acute toxicity:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Skin corrosion/irritation:	This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Serious eye damage/irritation:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Respiratory or skin sensitization:	This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Germ cell mutagenicity:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Carcinogenicity:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Reproductive toxicity:	This substance does not meet the criteria for

	classification in accordance with Regulation (EC) No 1272/2008.
STOT-single exposure:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
STOT-repeated exposure:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Aspiration toxicity:	This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.

## **SECTION 12: Ecological information**

- 12.1 Acute aquatic toxicity:** Not determined
- 12.2 Persistence and degradability:** Not available.
- 12.3 Bioconcentration Factor:** Not determined
- 12.4 Mobility in soil:** Not available.
- 12.5 Results of PBT and vPvB assessment:** Not determined
- 12.6 Other adverse effects:** Do not allow the material to enter streams, sewers or other waterways.

## **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

- Container disposal: Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralize. Empty residue into a suitable disposal site.
- Disposal conditions: Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

## **SECTION 14: Transport information**

### **International Carriage of Dangerous Goods by Road (ADR)**

- UN No.: UN1130
- Proper Shipping Name: CAMPHOR OIL
- Packing Group: III
- Class: 3
- Tunnel restriction code: (D/E)

Label:



**Sea Transport (IMDG)**

UN No.: UN1130  
Proper Shipping Name: Camphor oil  
Packing Group: III  
Class: 3  
Marine Pollutant: Yes  
Label:



**Air Transport (ICAO/IATA)**

UN No.: UN1130  
Proper Shipping Name: Camphor oil  
Packing Group: III  
Class: 3  
Label:



**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

Not available

**15.2 Chemical safety assessment:**

Not available.

**SECTION 16: Other information**

Text of hazard statement codes in section 3 (impurities, stabilizing additives, constituents):

H226: Flammable liquid and vapor.  
H228: Flammable solid.  
H302: Harmful if swallowed.  
H304: May be fatal if swallowed and enters airways.  
H315: Causes skin irritation.

- H317: May cause an allergic skin reaction.  
H332: Harmful if inhaled.  
H371: May cause damage to organs.  
H400: Very toxic to aquatic life.  
H410: Very toxic to aquatic life with long lasting effects.

This material should only be used for industrial purposes.

Key literature references and sources for data:

1. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
2. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization 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.
3. Occupational Exposure Limits by the INSHT (Spanish National Institute of Safety and Hygiene at Work).
4. Occupational Safety and Health Administration (US); 29 CFR 1910 and 49 CFR, March 28, 2012, modifying the Hazard Communication Standard (HCS) and aligning it with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) as established by the United Nations (UN).

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