

## **MATERIAL SAFETY DATA SHEET**

### **CAMPHOR OIL (WHITE)**

<b>1 Identification of the Substance/Mixture and of the Company/Undertaking</b>
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#### **1.1 Trade Name**

CAMPHOR OIL WHITE

#### **1.2 Details of the Supplier of the Safety Data Sheet**

G. Baldwin & Co.

173 Walworth Road,

LONDON, ENGLAND. SE17 1RW.

Telephone: +44 (0) 207 703 5550 Fax: +44 (0)207 252 6264

E-mail: [info@baldwins.co.uk](mailto:info@baldwins.co.uk)

Web: [www.baldwins.co.uk](http://www.baldwins.co.uk)

#### **1.3 Emergency telephone number**

Emergency tel: +44 (0) 207 703 5550

(office hours only)

<b>2 Hazards Identification</b>
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## 2.1 Classification of the Substance or Mixture:

Classification According to

Regulation (EC) No. 1272/2008

Physical and Chemical Hazards Flam Liq. 3 –H226

Human Health Skin Irrit. 2 –H315

Skin Sens. 1 –H317

Asp. Tox 1 –H304

Environment Aquatic Acute 1 –H400

Aquatic Chronic 1 –H410

The full text of all Hazard Statements are displayed in Section 16.

## 2.2 Label Elements:

Labelling According to Regulation

(EC) No. 1272/2008

The product is classified and labelled according to the CLP regulation.

Contains Alpha Pinene Natural

Beta Pinene

Limonene

p-Cymene

Hazard Pictograms:

Signal Word DANGER

Hazard Statements:

Precautionary Statements:

P210 Keep away from heat/sparks/open flames/hot surfaces –No smoking.

P233 Keep container tightly closed.

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.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing vapour/spray.

P264 Wash contaminated skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P310 IF SWALLOWED: Immediately call a Poison Centre or Doctor.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P303/P361/P353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing.

Rinse skin with water/shower.

P321 Specific treatment (see label).

P332/P313 If skin irritation or rash occurs: Get medical advice/attention.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

P363 Wash contaminated clothing before reuse.

P370/P378 In case of fire: See fire extinction instructions.

P391 Collect spillage.

P403/P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents/container according to local/national/international regulations.

### 2.3 Other Hazards

No additional information available

## 3 Composition/Information on Ingredients

### 3.1 Contains:

Ingredient CAS Number/EC

Number

Classification (EC

1272/2008)

Quantity

%

1,8-cineole

CAS No: 470-82-6

EC No: 207-431-5

Flam Liq. 3 –H226

Eye Irrit. 2 –H319

30-60

Alpha pinene natural

CAS No: 80-56-8

EC No: 201-291-9

Flam Liq. 3 –H226

Skin Sens. 1 –H317

Asp. Tox 1 –H304  
Aquatic Acute 1 –H400  
Aquatic Chronic 1 –H410  
10-30

α-phellandrene  
CAS No: 99-83-2  
EC No: 202-792-5  
Flam Liq. 3 –H226  
Asp. Tox 1 –H304  
1-5

α-terpineol (p-menth-1-en-8-ol)  
CAS No: 98-55-5  
EC No: 202-680-6  
Skin Irrit. 2 –H315 1-5

Beta Pinene  
CAS No: 127-91-3  
CAS No: 127-91-3  
EC No: 204-872-5  
Flam. Liq. 3 –H226  
Skin Sens. 1 –H317  
Asp. Tox 1 –H304  
Aquatic Acute 1 –H400  
1-5  
Aquatic Chronic 1 –H410

b-phellandrene

CAS No: 555-10-2

EC No: 209-081-9

Flam. Liq. 3 –H226

Acute Tox. 4 –H302

I-5

Camphor

CAS No: 92704-03-5

EC No: 296-431-9

Flam. Liq. 2 –H225

Acute Tox. 4 –H302

Acute Tox. 4 –H332

Muta. 2 –H341

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g-Terpinene

CAS No: 99-85-4

EC No: 202-794-6

Flam. Liq. 2 –H225

Asp. Tox I –H304

I-5

Limonene

CAS No: 5989-27-5

CAS No: 5989-27-5

EC No: 227-813-5

Flam. Liq. 3 –H226

Skin Irrit. 2 –H315

Skin Sens. 1 –H317

Aquatic Acute 1 –H400

Aquatic Chronic 1 –H410

10-30

Myrcene (7-methyl-3-methylenoocta-1,6-diene)

CAS No: 123-35-3

EC No: 204-622-5

Flam. Liq. 3 –H226

Asp. Tox. 1 –H304

Aquatic Chronic 3 –H412

1-5

p-Cymene

CAS No: 99-87-6

EC No: 202-796-7

Flam. Liq. 3 –H226

Asp. Tox. 1 –H304

Aquatic Chronic 2 –H411

10-30

Sabinene

CAS No: 3387-41-5

EC No: 222-212-4

Flam. Liq. 3 –H226

Acute Tox. 4 –H301

Acute Tox. 2 –H330

The full text of all Hazard Statements are displayed in Section I6.

### **3.2 Identification Number(s)**

EC/EINECS Number 296-43I-9

CAS Number 92704-03-5

Additional Information Refer to Section I6.

<b>4 First Aid Measures</b>
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#### **4.1 Description of First Aid Measures:**

Inhalation Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

Ingestion: DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Get medical attention immediately! Provide rest, warmth and fresh air.

Skin Contact: Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye Contact: Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water whilst lifting the eye lids. Continue to rinse for at least I5 minutes and get medical attention.

#### **4.2 Most Important Symptoms and Effects, Both Acute and Delayed**



No further information available at this time.

#### 4.3 Indication of Immediate Medical Attention and Special Treatment Needed

No further information available at this time.

<b>5 Fire-fighting Measures</b>
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##### **5.1 Extinguishing Media**

Use as appropriate: Carbon dioxide (CO<sub>2</sub>), dry chemical or foam.

##### **5.2 Special Hazards Arising from the Substance or Mixture**

Unusual fire and explosion hazards: Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: Carbon monoxide, Carbon dioxide.

##### **5.3 Advice for Fire-fighters**

Wear self-contained breathing apparatus. Wear chemical protective clothing.

<b>6 Accidental Release Measures</b>
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#### **6.1 Personal Precautions, Protective Equipment and Emergency Procedures**

See Section 8.

##### **6.2 Environmental Precautions**

Do not discharge into drains, water courses or onto the ground.

##### **6.3 Methods and Material for Containment and Cleaning Up**

Wear necessary protective equipment. Absorb with inert, non-combustible, inorganic absorbent material, sweep up and remove to an approved disposal container. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking.

## **7 Handling and Storage**

### **7.1 Precautions for Safe Handling**

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted levels.

### **7.2 Conditions for Safe Storage, Including any Incompatibilities**

Store in tightly closed original containers in a dry, cool and well-ventilated place. Keep in original container. Keep away from heat, sparks and open flames.

### **7.3 Specific End Use(s)**

No further relevant information available.

## **8 Exposure Controls/Personal Protection**

### **8.1 Control Parameters**

No additional information available.

### **8.2 Exposure Controls**

Engineering Controls: Provide adequate general and local exhaust ventilation.

Respiratory Protection: No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

Hand Protection Use protective gloves.

Eye Protection Wear approved safety goggles.

Other Protection Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene Measures DO NOT SMOKE IN WORK AREA! Wash at end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Good personal hygiene practices are always advisable, especially when working with chemicals.

## **9 Physical and Chemical Properties**

### **9.1 Information on Basic Physical and Chemical Properties:**

Appearance Colourless to pale yellow liquid

Odour Characteristic

Solubility Insoluble in water.

Relative Density 0.860 – 0.880 25

Flash Point 45°C

Refractive Index 1.4620 – 1.4720

## **10 Stability and Reactivity**

### **10.1 Reactivity**

No additional information available.

### **10.2 Chemical Stability**

Stable under normal temperature conditions and recommended use.

### **10.3 Possibility of Hazardous Reactions**

No additional information available.

#### **10.4 Conditions to Avoid**

Avoid heat, flames and other sources of ignition.

#### **10.5 Incompatible Materials**

Strong acids, alkali or oxidising agents.

#### **10.6 Hazardous Decomposition Products**

Fire creates: Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>).

TOXIC DOSE 1 –LD 50 3730mg/kg (oral rat)

<h3><b>11 Toxicological Information</b></h3>
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#### **11.1 Inhalation**

May cause sensitisation by inhalation.

#### **11.2 Ingestion**

May be harmful if swallowed.

#### **11.3 Skin Contact**

May be harmful if absorbed through the skin.

#### **11.4 Eye Contact**

Irritating to eyes.

#### **11.5 Target Organs**

Skin, eyes, respiratory system, lungs.

## **12 Ecological Information**

### **12.1 Ecotoxicity**

No data available but it must be considered that this product may be dangerous for the environment.

## **13 Disposal Considerations**

Dispose of waste and residues in accordance with local authority requirements.

### **13.1 Waste Treatment Methods**

Dispose in accordance with the law and local regulations. Treat as trade effluent.

Optical Rotation -

## **14 Transport Information**

UK Road Class 3

Proper Shipping Name FLAMMABLE LIQUID (Camphor Oil White)

Air Transport Notes Packing instructions (Cargo) 310 Packing instructions  
(Passenger) 309

UN No. Road 1130 UK Road Packing Group III

ADR Class Class 3: Flammable Liquid Tunnel Restriction Code (D/E)

Hazard No. (ADR) 30 Flammable Liquid (flash-point between 23° and 61°C, inclusive) or flammable liquid or solid in the molten state with a flash-point above 61°C, heated to a temperature equal to or above its flash-point, or self-heating liquid.

Hazchem Code 3Y

UN No. Sea 1130 IMDG Class 3

IMDG Packing Group III UN No. Air 1130

## Air Class 3 Air Packing Group III

### 15 Regulatory information

#### 15.1 Safety, health and Environmental

The Chemicals (Hazard Information and Packaging Regulations/Legislation Specific for Supply) Regulations 2009 (S.I. 2009 No. 716). for the Substance or Mixture Classification and Labelling of Substances and Preparations Dangerous for Supply.

Workplace Exposure Limits EH40, Introduction to Local Ventilation HSG(37), CHIP for Everyone HSG(108).

### 16 Other Information

#### 16.1 Hazard Statements in Full:

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

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.

H330 Fatal if inhaled.

H332 Harmful if inhaled.

H341 Suspected of causing genetic defects.

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.

H412 Harmful to aquatic life with long lasting effects.

#### WARNING/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 himself as to the suitability of such information for his own particular use.



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