

## MATERIAL SAFETY DATA SHEET

### ORGANIC PEPPERMINT OIL



<b>SECTION 1: Identification of the substance/mixture and of the company/undertaking</b>
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#### **1.1 Product Identifier**

Product Name: Peppermint Piperita Essential Oil, Organic

Biological Definition: The volatile oil obtained by steam distillation of the leaves and flowering tops of *Mentha x Piperita* L. Mitcham type. Fam. Labiatae, usually followed by the purely physical processes of demethylation and rectification.

INCI Name: Mentha Piperita Oil

Synonyms & Trade Names: Mentha Piperita Extract

CAS-No: 84082-70-2

EC No.: 282-015-4

EINECS No.: 282-015-4

## **1.2 Details of the supplier of the safety data sheet**

### **Company Identification**

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>SECTION 2: Hazards identification</b>
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## **2.1 Classification of the substance or mixture**

Classification (67/548/EEC)

N/A

Classification (EU 1272/2008)

Physical and Chemical Hazards: Flam. Liq. 4 – H227

Human Health: Acute Tox.5 – H303; Skin Sens. 1 – H317; Asp. Tox. 1 – H304

Environment: Aquatic Acute 2 – H401; Aquatic Chronic 2 – H411

## **2.2 Label elements**

Label in accordance with Regulation (EC) No 1272/2008

GHS Label: GHS07 GHS08 GHS09

Signal word: Danger

Contains Alpha pinene natural, I-LIMONENE.

Hazard Statements:

H227 Combustible Liquid

H303 May be harmful if swallowed

H304 May be fatal if swallowed and enters airways

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H401 Toxic to aquatic life

H411 Toxic to aquatic life with long lasting effects

Precautionary Statements:

P273 Avoid release to the environment

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

P301+310 IF SWALLOWED: Immediately call a POISON CENTRE or  
Doctor/Physician

Supplementary Precautionary

Statements:

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

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

P261 Avoid breathing vapour/spray

P262 Do not get in eyes, on skin, or on clothing

P264 Wash contaminated skin thoroughly after handling

P321 Specific treatment (see medical advice on this label)

P370+378 In case of fire: use foam, carbon dioxide, dry powder or water fog for extinction

P302+352 IF ON SKIN: Wash with plenty of soap and water

P312 Call a POISON CENTRE or doctor/physician if you feel unwell

P331 Do NOT induce vomiting

P332+313 If skin irritation occurs: Get medical advice/attention

P333+313 If skin irritation or rash occurs: Get medical advice/attention

P362 Take off contaminated clothing before reuse

P391 Collect spillage

P403+235 Store in a well ventilated place. Keep cool

P405 Store locked up

P501 Dispose of contents/container to....

Risk phrases and Safety phrases in full refer to Section 16 – Other Information

### **2.3 Other hazards**

Adverse physio-chemical properties: N/A

Adverse effects on human health: N/A

<b>SECTION 3: Composition/information on ingredients</b>
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### **3.1 Substances**

30-60% L-Menthol CAS: 2216-51-5 EC: 218-690-9 Classification (EC 1272/2008) Skin Irrit. 2 – H315

15-30% Menthone CAS: 89-80-5 EC: 201-941-1 Classification (EC 1272/2008) Aquatic Chronic 3 – H412

5-10% Methyl Aetate CAS: 89-48-5 No: 201-911-8 Classification (EC 1272/2008) Aquatic Chronic 2 – H411

2.5 – 5% 1,8 Cineol CAS: 470-82-6 EC: 207-431-5 Classification (EC 1272/2008) Flam. Liq. 3 – H226

3 – 7.5% Menthofuran CAS: 494-90-6 EC: 207-795-5 Classification (EC 1272/2008) Acute Tox. 4 – H302, Skin Irrit. 2 – H315, Aquatic Chronic 2 – H411

2.5 – 5% Alpha Pinene Natural CAS: 80-56-8 EC: 201-291-9 Classification (EC 1272/2008) Flam. Liq. 3 – H226, Skin Irrit. 2 – H315, Skin Sens. 1 – H317, Asp. Tox. 1 – H304

1-5% I-Limonene CAS: 5989-54-8 EC: 227-815-6 Classification (EC 1272/2008) Flam. Liq. 3 – H226, Skin Irrit. 2 – H315, Skin Sens. 1 – H317, Aquatic Acute 1 – H400, Aquatic Chronic 1 – H410

1-5% Pulegone CAS: 15932-80-6 EC: 240-070-1 Classification (EC 1272/2008) Acute Tox. 4 – H302

0.5 – 2.5% Beta Caryophyllene CAS: 87-44-5 EC: 201-746-1 Classification (EC 1272/2008) Asp. Tox. 1 – H304

GHS08

1-5% Iso-Menthone CAS: 1196-31-2 EC: 214-813-5 Classification (EC 1272/2008) Not classified.

### **3.2 Mixtures**

EU INCI: N/A

US INCI: N/A

<b>SECTION 4: First aid measures</b>
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#### **4.1 Description of first aid measures**

General Information

See below

#### Inhalation

Remove to fresh air at once. If breathing is difficult get medical help.

#### Ingestion

Immediately rinse mouth and drink plenty of water (200-300ml). Get medical attention immediately.

#### Skin Contact

Remove contaminated clothing immediately and wash skin with soap and water. N  
Get medical attention if any discomfort continues.

#### Eye Contact

Immediately flush eyes with water for 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if discomfort continues.

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

Inhalation: May irritate respiratory tract.

Ingestion: May cause nausea.

Skin Contact: May cause irritation and stinging.

Eye Contact: May cause irritation and reddening

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

N/A

<b>SECTION 5: Fire fighting measures</b>
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#### **5.1 Extinguishing Media**

Foam, carbon dioxide or dry powder.

DO NOT USE A DIRECT STREAM OF WATER.

#### **5.2 Special hazards arising from the substance or mixture.**

Carbon monoxide, unidentified organic compounds may be formed during combustion.

### **5.3 Advice for fire-fighters**

In case of overheating, cool containers to avoid a pressure increase. Wear Protective clothing and avoid inhalation of vapours.

<b>SECTION 6: Accidental release measures</b>
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#### **6.1 Personal precautions**

Remove all sources of ignition. Provide adequate ventilation. Avoid inhalation of vapours and contact with skin and eyes.

#### **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**

Soak up spillage with sand or other inert absorbent material such as earth or vermiculite, transfer used material to a suitable waste container and dispose of in accordance with regulations.

#### **6.4 References to other sections.**

Please refer to Section 8 - Exposure controls/personal protection for further information on personal precautions

Please refer to Section 13 - Disposal Considerations for further information on waste treatment.

Take Risk, Safety and Precautionary phrases (section 16) into account.

<b>SECTION 7: Handling and Storage</b>
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#### **7.1 Precautions for safe handling**

Avoid inhalation of vapours/spray and contact with skin and eyes.

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

Store in tightly closed original container in a dry, cool well ventilated place.

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

N/A

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

### **8.1 Control Parameters**

None

### **8.2 Exposure Controls**

Eye protection: Use safety goggles.

Hand protection: Use chemical resistant gloves. (PVC)

Other Protection: Wear rubber apron. Safety shower and eye bath.

Respiratory Equipment: None required when used in well-ventilated area. Use inhalation protection in poorly ventilated areas.

Hygiene Measures: Good personal hygiene practices are always advisable, especially when working with chemicals/oils.

Engineering Measures: Provide adequate ventilation.

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

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

Appearance

Clear liquid

Colour

Colourless to very light yellow

Odour

Characteristic

Relative Density

0.880 – 0.915

Flash Point (°C)



N/A

Refractive Index

1.450 – 1.470

Melting Point (°C)

N/A

Boiling Point (°C)

N/A

Vapour Pressure

N/A

Solubility in Water @20°C

N/A

Auto-ignition temperature (°C)

N/A

9.2 Other information

N/A

<b>SECTION 10: Stability and reactivity</b>
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**10.1 Reactivity**

No dangerous reactions known.

**10.2 Chemical stability**

Stable under the recommended handling and storage conditions.

**10.3 Possibility of hazardous reactions**

No additional data available.

#### **10.4 Conditions to avoid**

Extreme temperatures.

#### **10.5 Incompatible materials**

Highly reactive chemicals, such as concentrated sulphuric acid, which may produce unknown reaction products and so cause additional hazards.

#### **10.6 Hazardous decomposition products**

Not known.

### **SECTION II: Toxicological information**

#### **II.1 Information on toxicological effects.**

Acute toxicity:

Not available for a complex mixture of different substances.

Skin corrosion / irritation: No additional data available.

Serious eye damage/irritation: No additional data available.

Respiratory or skin sensitisation: 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.

Aspiration hazard: No additional data available.

Other information: No additional data available.

### **SECTION 12: Ecological information**

#### **12.1 Toxicity**

No additional data available.

#### **12.2 Persistence and degradability**

No data available.

### **12.3 Bio-accumulative potential**

No additional data available.

### **12.4 Mobility in soil**

Insoluble in water.

### **12.5 Results of PBT and VPVB assessment**

No additional data available.

### **12.6 Other adverse effects**

No additional data available.

## **SECTION 13: Disposal considerations**

### **13.1 Waste Treatment Methods**

Dispose of in compliance with all local and national regulations.

## **SECTION 14: Transport information**

Warning Icon

None

Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S  
(limonene / alpha pinene)

UN No. Road

3082

ADR Class

Hazard No (ADR)

9

Hazchem Code

None

UN No. SEA

3082

IMDG Class

9

IMDG Pack Gr.

III

EMS

None

UN No. AIR

3082

Air Class

None

Air Pack Gr.

None

<b>SECTION 15: Regulatory information</b>
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**15.1 Safety, health and environmental regulations/legislation specific for the  
substance or mixture**

EU Directives

Regulation (EC) No 1907/2006 of the European Parliament and of the Council  
of 18th Dec 2006 Concerning the  
Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH),  
establishing a European  
Chemicals Agency, amending Directive 199/45/EC and repealing Council  
Regulation 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, and 93/105/EEC and  
2000/21/EC including amendments.

Statutory Instruments:

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

Approved Code of Practice

Classification and Labelling of Substances and Preparations Dangerous for  
Supply. Safety Data

Sheets for Substances and Preparations

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

### **15.2 Chemical safety assessment**

An assessment has not been executed as this is not a hazardous material according  
to article 31 of REACH 1907/2006.

<b>SECTION 16: Other information</b>
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Training instructions: Refer to possible hazard before use of this product.

Abbreviations and acronyms:

MSDS

Material Safety Data Sheet

INCI

International Nomenclature of Cosmetic Ingredients

CAS

Chemical Abstract Service

IMDG

International Maritime Code for Dangerous Goods

ADR

Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement  
concerning the International Carriage of Dangerous Goods by Road)

RID

International Carriage of Dangerous Goods by Rail

ICAO

International Civil Aviation Organization

ADN

International Carriage of Dangerous Goods by Inland Waterways

GHS

Globally Harmonized System of Classification and Labelling of Chemicals

Trem Card

Transport Emergency Card

STOT

Specific Target Organ Toxicity

N/A

Not Available

Risk Phrases in full:

H315 Causes Skin Irritation  
H227 Combustible Liquid.  
H226 Flammable Liquid and vapour.  
H302 Harmful if swallowed.  
H412 Harmful to aquatic life with long lasting effects.  
H304 May be fatal if swallowed and enters airways.  
H303 May be harmful if swallowed.  
H317 May cause an allergic skin reaction.  
H401 Toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H400 Very toxic to aquatic life.

Complies with REACH guidance for SDS as circulated by ECHA 2011.

Disclaimer:

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