



## Safety Data Sheet

### 01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

<b>1.1 Product Identifier</b>					
Product Name		Peppermint Oil Organic.			
Biological Definition		The volatile oil obtained by steam distillation of the leaves and flowering tops of <i>Mentha x piperita</i> L. Mitcham type. Fam. Labiatae, usually followed by the purely physical processes of dementholation 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
<b>1.2 Relative identified uses of the substance or mixture and uses advised against</b>					
No additional data available.					
<b>1.3 Details of the supplier of the safety data sheet</b>					
Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1					
<b>1.4 Emergency Tel. No.</b>		604-540-8700 (Monday-Friday 8:30 am-4:30 pm)			

### 02. HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
The Full Text for all Hazard Statements are displayed in Section 16.	
Classification (EC 1272/2008)	
<b>Physical and Chemical Hazards:</b> Flam. Liq. 4 - H227. <b>Human health:</b> Acute Tox. 5 - H303; Skin Irrit. 2 - H315; Skin Sens. 1 - H317; Asp. Tox. 1 - H304. <b>Environment:</b> Aquatic Acute 2 - H401; Aquatic Chronic 2 - H411.	
<b>2.2 Label Elements</b>	
Label in accordance with (EC) No 1272/2008	
GHS08      GHS07      GHS09 	
Signal Word	Danger.
Contains	Alpha pinene natural, l-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 CENTER 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 CENTER 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 and wash before reuse. P363 Wash 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 ...	
2.3 Other Hazards	
PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures	
<b>30.0-60.0% L-Menthol</b> CAS-No.: 2216-51-5 EC No.: 218-690-9	Classification (EC 1272/2008) Skin Irrit. 2 - H315
<b>15.0-30.0% Menthone</b> CAS-No.: 89-80-5 EC No.: 201-941-1	Classification (EC 1272/2008) Aquatic Chronic 3 - H412
<b>5.0 – 10.0% Methyl Acetate</b> CAS-No.: 89-48-5 EC No.: 201-911-8	Classification (EC 1272/2008) Aquatic Chronic 2 - H411
<b>2.5-5.0% 1,8 Cineol</b> CAS-No.: 470-82-6 EC No.: 207-431-5	Classification (EC 1272/2008) Flam. Liq. 3 - H226
<b>3.0 – 7.5% Menthofuran</b> CAS-No.: 494-90-6 EC No.: 207-795-5	Classification (EC 1272/2008) Acute Tox. 4 - H302, Skin Irrit. 2 - H315, Aquatic Chronic 2 - H411

<p><b>2.5 – 5.0% Alpha Pinene Natural</b> CAS-No.: 80-56-8 EC No.: 201-291-9</p> <p>Classification (EC 1272/2008) Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304</p>
<p><b>1.0 – 5.0% l-Limonene</b> CAS-No.: 5989-54-8 EC No.: 227-815-6</p> <p>Classification (EC 1272/2008) Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410</p>
<p><b>1.0 – 5.0% Pulegone</b> CAS-No.: 15932-80-6 EC No.: 240-070-1</p> <p>Classification (EC 1272/2008) Acute Tox. 4 - H302</p>
<p><b>0.5 – 2.5% Beta Caryophyllene</b> CAS-No.: 87-44-5 EC No.: 201-746-1</p> <p>Classification (EC 1272/2008) Asp. Tox. 1 - H304</p>
<p><b>1.0 – 5.0% Iso-Menthone</b> CAS-No.: 1196-31-2 EC No.: 214-813-5</p> <p>Classification (EC 1272/2008) Not classified.</p>

#### 04. FIRST AID MEASURES

<b>4.1 Description of first aid measures</b>	
Inhalation	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention immediately!
Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	
Inhalation:	May irritate respiratory tract.
Ingestion:	May cause nausea.
Skin contact:	May cause irritation and stinging.
Eye contact:	May cause irritation and reddening.
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	
No additional data available.	

#### 05. FIRE-FIGHTING MEASURES

<b>5.1 Extinguishing Media</b>	
Extinguishing media:	Foam, carbon dioxide or dry powder.
Unsuitable extinguishing media:	Do not use a direct stream of water.
<b>5.2 Special hazards arising from the product</b>	
Hazardous combustion products: Carbon monoxide, unidentified organic compounds may be formed during combustion.	

<b>5.3 Advice for firefighters</b>
Special Fire Fighting Procedures: In case of overheating, cool containers to avoid a pressure increase. Protective equipment for fire-fighters: Wear protective clothing and avoid inhalation of vapours.


## 06. ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>
Remove all sources of ignition. Provide adequate ventilation. Avoid inhalation of vapours and contact with skin and eyes.
<b>6.2 Environmental Precautions</b>
Do not discharge into drains, water courses or onto the ground.
<b>6.3 Methods and material for containment and cleaning up.</b>
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 on accordance with regulations.
<b>6.4 Reference to other sections</b>
Take Risk, Safety and Precautionary phrases (section 16) into account.

## 07. HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>
Avoid inhalation of vapours/spray and contact with skin and eyes.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>
Store in tightly closed original container in a dry, cool and well-ventilated place.
<b>7.3 Specific end use(s)</b>
No additional data available.

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1 Control parameters</b>	
No additional data available.	
<b>8.2 Exposure controls</b>	
Protective Equipment	
	
Process Conditions	Safety shower and eye bath.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	Protection not required if good ventilation is maintained. Use inhalation protection in poorly ventilated areas.
Hand Protection	Chemical resistant gloves (PVC).
Eye Protection	Wear approved safety goggles.
Other Protection	Wear rubber apron.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Use personal protection according to Directive 89/686/EEC.
Skin Protection	Wear apron or protective clothing in case of splashes.

Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorised companies.
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## 09. PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1 Information on basic physical and chemical properties</b>	
Appearance	Liquid.
Colour	Colourless to pale yellow.
Odour	Characteristic.
Relative Density	0.880 - 0.915 @ 20°C
Flash Point (°C)	>65
Refractive Index	1.450 - 1.470 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water.
Auto-ignition temperature (°C)	No additional data available.
<b>9.2 Other information</b>	
No additional data available.	

## 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	
No dangerous reactions known.	
<b>10.2 Chemical stability</b>	
Stable under the recommended handling and storage conditions.	
<b>10.3 Possible hazardous reactions</b>	
No additional data available.	
<b>10.4 Conditions to Avoid</b>	
Extreme Temperatures.	
<b>10.5 Incompatible materials</b>	
Materials To Avoid: Highly reactive chemicals, such as concentrated sulphuric acid, which may produce unknown reaction products and so cause additional hazards.	
<b>10.6 Hazardous Decomposition Products</b>	
Not known.	

## 11. TOXOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
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.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

No additional data available.

### 12.2 Persistence & degradability

Degradability: No data available.

### 12.3 Bioaccumulation Potential

Bioaccumulative potential: No data available on bioaccumulation.

### 12.4 Mobility in soil

Mobility: The product is insoluble in water.

### 12.5 Results of PBT and vPvB Assessment

No additional data available.

### 12.6 Other adverse effects

No additional data available.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Dispose of in compliance with all local and national regulations.

## 14. TRANSPORT INFORMATION

### 14.1 UN number

UN No. Road 3082

UN No. SEA 3082

UN No. AIR 3082

### 14.2 UN proper shipping name

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

### 14.3 Transport hazard class(es)

ADR/RID/ADN Class 9


ADR/RID/ADN Class 9: Miscellaneous dangerous substances and articles.

IMDG Class 9

ICAO Class/Division 9

Transport Labels



<b>14.4 Packing group</b>
ADR/RID/ADN Packing group III IMDG Packing group III ICAO Packing group III
<b>14.5 Environmental hazards</b>
Environmentally Hazardous Substance/Marine Pollutant  
<b>14.6 Special precautions for user</b>
EMS F-A-S-F Emergency Action Code 3Z Hazard No. (ADR) 90 Environmentally hazardous substance; miscellaneous dangerous substances. Tunnel Restriction Code (E)
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code</b>
Tariff Number 3301 2410

## 15. REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>
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.
<b>15.2 Chemical safety assessment</b>
No additional information available.

## 16. OTHER INFORMATION

Hazard and/or Precautionary Statements 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. H411 Toxic to aquatic life with long lasting effects. H401 Toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.
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	H400 Very toxic to aquatic life.
Other Information	None
Revision Date	October 13, 2015
Reason for revision	New SDS
Rev No/Repl, SDS Generated	01

**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.**