



## Safety Data Sheet

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

#### 1.1 Product Identifier

Product Name	Peppermint Oil Arvensis				
Biological Definition	Mentha Arvensis Herb Oil is an essential oil obtained from the herbs of the Corn Mint, <i>Mentha arvensis L., Labiatae.</i>				
INCI Name	Mentha Arvensis Herb Oil				
Synonyms & Trade Names	Cornmint Oil				
CAS-No	90063-97-1	EC No.	290-058-5	EINECS No.	290-058-5

#### 1.2 Relative identified uses of the substance or mixture and uses advised against

Cosmetics and Fragrancing.

#### 1.3 Details of the supplier of the safety data sheet

Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1

#### 1.4 Emergency Tel. No.

604-540-8700 (Monday-Friday 8:30 am-4:30 pm)

### 02. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

The Full Text for all Hazard Statements are displayed in Section 16.

Classification (EC 1272/2008)

**Physical and Chemical Hazards:** Not classified.

**Human health:** Asp. Tox. 1 H304; Skin Irrit. 2 - H315; Skin Sens. 1 - H317; Eye Irrit. 2 H319

**Environment :** Aquatic Chronic 2 - H411

#### 2.2 Label Elements

Label in accordance with (EC) No 1272/2008



Signal Word

Danger.

Contains

Limonene, Alpha Pinene, Beta Pinene.

Hazard Statements

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.  
 H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331: Do NOT induce vomiting.  
P501: Dispose of contents in accordance with local, state or national legislation.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364: Take off contaminated clothing. And wash it before reuse.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P273: Avoid release to the environment.  
P391: Collect spillage.

#### Supplementary Precautionary Statements

P264: Wash hands and exposed skin thoroughly after handling.  
P332+P313: If skin irritation occurs: Get medical advice/attention

### 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

**25.0 – 35.0% L-Menthol** CAS No.: 2216-51-5 EC No: 218-690-9

Classification (EC 1272/2008) Skin Irrit. 2 - H315, Eye Irrit. 2 – H319

**20.0 – 30.0% Trans-Menthone** CAS No: 89-80-5 EC No: 201-941-1

Classification (EC 1272/2008) Flam. Liq. 3 – H226, Aquatic Chronic 3 – H412

**5.0 – 10.0% DL-Isomenthone** CAS No: 491-07-6 EC No: 207-727-4

Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens. 1 - H317

**2.0 – 5.0% Neo Menthol** CAS No: 2216-52-6 EC No: 218-691-4

Classification (EC 1272/2008) Skin Irrit. 2 - H315

**< 14.0% Limonene** CAS No: 138-86-3 EC No: 205-301-0

Classification (EC 1272/2008) Flam. Liq. 3 - H226, Asp. Tox. 1 – H304, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410

**< 2.0% Alpha Pinene** CAS No: 80-56-8 EC No: 201-291-9

Classification (EC 1272/2008) Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304

**< 2.5% Beta Pinene** CAS No: 127-91-3 EC No: 204-872-5

Classification (EC 1272/2008) Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304

<b>1.0 – 5.0% Methyl Acetate</b>	CAS No: 89-48-5	EC No: 201-911-8
Classification (EC 1272/2008) Aquatic Chronic 2 - H411		
<b>&lt; 2.0% Isopulegol</b>	CAS No: 89-79-2	EC No: 201-940-6
Classification (EC 1272/2008) Acute Tox. 4 - H302, Skin Irrit. 2 -H315, Eye Irrit. 2 – H319		
<b>&lt; 1.5% Octan-3-ol</b>	CAS No: 589-98-0	EC No: 209-667-4
Classification (EC 1272/2008) Skin Irrit. 2 -H315, Eye Irrit. 2 – H319		
<b>&lt; 1.0% 1,8- Cineole</b>	CAS No: 470-82-6	EC No: 207-431-5
Classification (EC 1272/2008) Flam. Liq. 3 – H226, Skin Sens. 1- H317		

#### 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 advice/attention.
Ingestion	Immediately rinse mouth and provide fresh air. Call a POISON CENTER/doctor.
Skin Contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
Eye Contact	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	
No additional data available.	
<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	Use as appropriate: Carbon dioxide (CO <sub>2</sub> ), dry chemical or foam.
<b>5.2 Special hazards arising from the product</b>	
When heated to decomposition, it emits acrid smoke as well as carbon monoxide and carbon dioxide.	
<b>5.3 Advice for firefighters</b>	
Protective equipment for fire-fighters: Wear: Self-contained breathing apparatus. Wear chemical protective clothing.	

#### 06. ACCIDENTAL RELEASE MEASURES

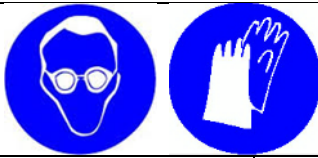
<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	
Wear protective clothing as described in Section 8 of this safety data sheet.	
<b>6.2 Environmental Precautions</b>	
Do not discharge into drains, water courses or onto the ground.	
<b>6.3 Methods and material for containment and cleaning up.</b>	
Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.	

<b>6.4 Reference to other sections</b>
No additional data available.

## 07. HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>
Avoid spilling, skin and eye contact. Adopt best manual handling considerations when handling, carrying and dispensing.
<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. Keep in original container. Keep away from heat, sparks and open flame. Storage Class Chemical storage.
<b>7.3 Specific end use(s)</b>
No additional data available.

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1 Control parameters</b>	
Ingredient Comments	No exposure limits noted for ingredient(s).
<b>8.2 Exposure controls</b>	
Protective Equipment	
	
Process Conditions	Provide eyewash station.
Engineering Measures	Provide adequate general and local exhaust ventilation.
Respiratory Equipment	If ventilation is insufficient, suitable respiratory protection must be provided.
Hand Protection	Use suitable protective gloves if risk of skin contact.
Eye Protection	Wear approved safety goggles.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene Measures	Remove contaminated clothing and wash the skin thoroughly with soap and water after work. Good personal hygiene practices are always advisable, especially when working with chemicals.
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.

## 09. PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1 Information on basic physical and chemical properties</b>	
Appearance	Liquid, colourless to pale yellow.
Colour	Colourless to pale yellow.
Odour	Minty, fresh.
Relative Density	Approx. 0.887 @ 20°C
Flash Point (°C)	62.0
Refractive Index	Approx. 1.460 @ 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 additional data available.	
<b>10.2 Chemical stability</b>	
Stable under normal temperature conditions and recommended use.	
<b>10.3 Possible hazardous reactions</b>	
No additional data available.	
<b>10.4 Conditions to Avoid</b>	
Avoid excessive heat for prolonged periods of time.	
<b>10.5 Incompatible materials</b>	
Materials To Avoid:	Strong acids, alkali or oxidising agents.
<b>10.6 Hazardous Decomposition Products</b>	
Fire creates: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).	

## 11. TOXOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
Acute Toxicity	No additional data available.
Skin corrosion / irritation	Causes skin irritation.
Serious eye damage / irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	May cause an allergic skin reaction.
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



<b>12.1 Toxicity</b>	
Toxic to aquatic life with long lasting effects.	
<b>12.2 Persistence &amp; degradability</b>	
Degradability: No data available.	
<b>12.3 Bioaccumulation Potential</b>	
No data available on bioaccumulation.	

<b>12.4 Mobility in soil</b>
No additional data available.
<b>12.5 Results of PBT and vPvB Assessment</b>
No additional data available.
<b>12.6 Other adverse effects</b>
No additional data available.

**13. DISPOSAL CONSIDERATIONS**

<b>13.1 Waste treatment methods</b>
<p>GENERAL INFORMATION When handling waste, consideration should be made to the safety precautions applying to handling of the product.</p> <p>DISPOSAL METHODS Dispose of in compliance with all local and national regulations.</p>

**14. TRANSPORT INFORMATION**

<b>14.1 UN number</b>								
<table border="1"> <tr> <td>UN No. Road</td> <td>3082</td> </tr> <tr> <td>UN No. SEA</td> <td>3082</td> </tr> <tr> <td>UN No. AIR</td> <td>3082</td> </tr> </table>	UN No. Road	3082	UN No. SEA	3082	UN No. AIR	3082		
UN No. Road	3082							
UN No. SEA	3082							
UN No. AIR	3082							
<b>14.2 UN proper shipping name</b>								
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S								
<b>14.3 Transport hazard class(es)</b>								
<table border="0"> <tr> <td>ADR/RID/ADN</td> <td>Class 9</td> </tr> <tr> <td>ADR/RID/ADN</td> <td>Class 9: Miscellaneous dangerous substances and articles.</td> </tr> <tr> <td>IMDG</td> <td>Class 9</td> </tr> <tr> <td>ICAO</td> <td>Class/Division 9</td> </tr> </table> <p>Transport Labels</p> 	ADR/RID/ADN	Class 9	ADR/RID/ADN	Class 9: Miscellaneous dangerous substances and articles.	IMDG	Class 9	ICAO	Class/Division 9
ADR/RID/ADN	Class 9							
ADR/RID/ADN	Class 9: Miscellaneous dangerous substances and articles.							
IMDG	Class 9							
ICAO	Class/Division 9							
<b>14.4 Packing group</b>								
<table border="0"> <tr> <td>ADR/RID/ADN Packing group</td> <td>III</td> </tr> <tr> <td>IMDG Packing group</td> <td>III</td> </tr> <tr> <td>ICAO Packing group</td> <td>III</td> </tr> </table>	ADR/RID/ADN Packing group	III	IMDG Packing group	III	ICAO Packing group	III		
ADR/RID/ADN Packing group	III							
IMDG Packing group	III							
ICAO Packing group	III							
<b>14.5 Environmental hazards</b>								
<p>Environmentally Hazardous Substance/Marine Pollutant</p> 								

<b>14.6 Special precautions for user</b>
EMS F-A-S-F AIR TRANSPORT NOTES Packing Instruction: 914 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>
No additional data available.

## 15. REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>
<p>Statutory Instruments The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).</p> <p>Guidance Notes Workplace Exposure Limits EH40. CHIP for everyone HSG(108).</p> <p>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.</p>
<b>15.2 Chemical safety assessment</b>
No additional information available.

## 16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects. H313 May be harmful in contact with skin. H317 May cause an allergic skin reaction. 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.
Other Information	None
Revision Date	May 15, 2017
Reason for revision	Updated SDS
Rev No/Repl, SDS Generated	03, replaces 02

**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.