



Safety Data Sheet

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

1.1 Product Identifier

| | | | | | |
|------------------------|---------------------------|---|---------------|------------|---------------|
| Product Name | | Peppermint Oil Single. | | | |
| Biological Definition | | The volatile oil obtained by the steam distillation of the aerial parts of <i>Mentha piperita L.</i> , usually followed by the purely physical processes of dementholation and rectification. | | | |
| INCI Name | | Mentha Piperita Oil. | | | |
| Synonyms & Trade Names | | Mentha piperita Extract. | | | |
| CAS-No | 8006-90-4 / 84082-70-2 | EC No. | - / 282-015-4 | EINECS No. | - / 282-015-4 |

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

No additional data available.

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: Skin Irrit. 2 - H315; Skin Sens. 1 - H317

Environment : Aquatic Chronic 2 - H411

2.2 Label Elements

Label in accordance with (EC) No 1272/2008

GHS07

GHS09



Signal Word

Warning.

Contains

LIMONENE.

Hazard Statements

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

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.

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

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| P391 Collect spillage. | |
| P501 Dispose of contents/container to ... | |
| Supplementary Precautionary Statements | |
| P261 Avoid breathing dust/fume/gas/mist/vapours/spray. | |
| P264 Wash ... thoroughly after handling. | |
| P272 Contaminated work clothing should not be allowed out of the workplace. | |
| P302+352 IF ON SKIN: Wash with plenty of soap and water. | |
| P321 Specific treatment (see ... on this label). | |
| 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. | |
| 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

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| 3.2 Mixtures | |
| 40.0 - 60.0% L-Menthol CAS-No.: 2216-51-5 EC No.: 218-690-9 | |
| Classification (EC 1272/2008) Skin Irrit. 2 - H315 | |
| 3.0 – 10.0% Methyl Acetate CAS-No.: 89-48-5 EC No.: 201-911-8 | |
| Classification (EC 1272/2008) Aquatic Chronic 2 - H411 | |
| 1.0 - 10.0% Menthofuran 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 | |
| 1.0 – 5.0% Limonene CAS-No.: 138-86-3 EC No.: 205-301-0 | |
| Classification (EC 1272/2008) Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410 | |
| 1.0 – 5.0% Pulegone CAS-No.: 15932-80-6 EC No.: 240-070-1 | |
| Classification (EC 1272/2008) Acute Tox. 4 - H302 | |
| 1.0 – 5.0% Iso-Menthone CAS-No.: 1196-31-2 EC No.: 214-813-5 | |
| Classification (EC 1272/2008) Not classified. | |

04. FIRST AID MEASURES

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| 4.1 Description of first aid measures | |
| Inhalation | Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. |
| Ingestion | NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues. |

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| Skin Contact | Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues. |
| 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 while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention. |
| 4.2 Most important symptoms and effects, both acute and delayed | |
| No additional data available. | |
| 4.3 Indication of any immediate medical attention and special treatment needed | |
| No additional data available. | |

05. FIRE-FIGHTING MEASURES

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| 5.1 Extinguishing Media | |
| Extinguishing media Use as appropriate: Carbon dioxide (CO ₂), dry chemical or foam. | |
| 5.2 Special hazards arising from the product | |
| No additional data available. | |
| 5.3 Advice for firefighters | |
| Protective equipment for fire-fighters: Wear protective clothing and avoid inhalation of vapours. | |


06. ACCIDENTAL RELEASE MEASURES

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| 6.1 Personal precautions, protective equipment and emergency procedures | |
| Wear protective clothing as described in Section 8 of this safety data sheet. | |
| 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 on accordance with regulations. | |
| 6.4 Reference to other sections | |
| No additional data available. | |

07. HANDLING AND STORAGE

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| 7.1 Precautions for safe handling | |
| Avoid spilling, skin and eye contact. Adopt best manual handling considerations when handling, carrying and dispensing. | |
| 7.2 Conditions for safe storage, including any incompatibilities | |
| 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. | |
| 7.3 Specific end use(s) | |
| No additional data available. | |

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| 8.1 Control parameters | |
| Ingredient Comments : None WEL = Workplace Exposure Limits. | |
| 8.2 Exposure controls | |
| Protective Equipment | |
|  | |
| Process Conditions | Provide eyewash station. |
| Engineering Measures | Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours. |
| Respiratory Equipment | No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists. |
| Hand Protection | Chemical resistant gloves (PVC). |
| Eye Protection | Wear approved safety goggles. |
| Other Protection | Wear appropriate clothing to prevent any possibility of skin contact. |
| Hygiene Measures | DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. |
| 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

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| 9.1 Information on basic physical and chemical properties | |
| Appearance | Liquid |
| Colour | Almost colourless to palest yellow to yellow green. |
| Odour | Characteristic. |
| Relative Density | 0.890 - 0.916 @ 20°C |
| Flash Point (°C) | 78°C |
| Refractive Index | 1.457 - 1.467 @ 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. |
| 9.2 Other information | |
| No additional data available. | |

10. STABILITY AND REACTIVITY

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|--------------------------------|--|
| 10.1 Reactivity | |
| No dangerous reactions known. | |
| 10.2 Chemical stability | |

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| Stable under the recommended handling and storage conditions. |
| 10.3 Possible hazardous reactions |
| No additional data available. |
| 10.4 Conditions to Avoid |
| Avoid excessive heat for prolonged periods of time. |
| 10.5 Incompatible materials |
| Materials To Avoid Strong acids, alkali or oxidising agents. |
| 10.6 Hazardous Decomposition Products |
| Fire creates: Carbon monoxide (CO). Carbon dioxide (CO ₂). |

11. TOXOLOGICAL INFORMATION

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| 11.1 Information on toxicological effects | |
| Acute Toxicity | Toxic Dose 1 - LD 50 2650 mg/kg (oral rat). |
| Skin corrosion / irritation | May cause sensitisation by skin contact. Irritating to skin. |
| Serious eye damage / irritation | Irritating to eyes. |
| Respiratory or skin sensitisation | Irritating to respiratory system. May cause stomach pain or vomiting. |
| 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

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| 12.1 Toxicity |
| Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| 12.2 Persistence & degradability |
| Degradability: No data available. |
| 12.3 Bioaccumulation Potential |
| Bioaccumulative potential: No data available on bioaccumulation. |
| 12.4 Mobility in soil |
| No additional data available. |
| 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

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



14.4 Packing group

ADR/RID/ADN Packing group III

IMDG Packing group III

ICAO Packing group III

14.5 Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant



14.6 Special precautions for user

EMS F-A-S-F

Emergency Action Code 3Z

Hazard No. (ADR) 90 Environmentally hazardous substance; miscellaneous dangerous substances.

Tunnel Restriction Code (E)

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

No additional data available.

15. REGULATORY INFORMATION

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

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.

15.2 Chemical safety assessment

No additional information available.

16. OTHER INFORMATION

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|--|---|
| Hazard and/or Precautionary Statements in Full | H315 Causes skin irritation. H226 Flammable liquid and vapour. H302 Harmful if swallowed. H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects. H410 Very toxic to aquatic life with long lasting effects. H400 Very toxic to aquatic life. |
| Other Information | None |
| Revision Date | June 3, 2016 |
| Reason for revision | New SDS. |
| Rev No/Repl, SDS Generated | 01 |

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