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MATERIAL SAFETY DATA SHEET

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

1.1 Product Identifier

Product Name	Peppermint Oil Piperita				
Biological Definition	Mentha Piperita Oil is the volatile oil obtained from the whole plant of the Peppermint, Mentha piperita (L.), Labiatae.				
INCI Name	Mentha Piperita Oil				
Synonyms & Trade Names	-				
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

Cosmetics and Fragrancing.

1.3 Details of the supplier of the safety data sheet

1.4 Emergency Tel. No.

+ 44 (0) 1260 222 943

02. HAZARD 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:

- Acute Tox. 4 - H302
- Skin Irrit. 2 - H315
- Skin Sens. 1 - H317
- Eye Irrit. 2 - H319

Environment:

- Aquatic Acute 2 - H401
- Aquatic Chronic 2 - H411

2.2 Label Elements

Label in accordance with (EC) No 1272/2008

GHS07 GHS09

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Signal Word	Warning
Contains	<ul style="list-style-type: none"> - L-Menthol - Menthones - Limonene - 1,8 Cineole - Pulegone
Hazard Statements	
<p>H302 - Harmful if swallowed. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H401 - Toxic to aquatic life. H411 - Toxic to aquatic life with long lasting effects.</p>	
Precautionary Statements	
<p>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</p>	
Supplementary Precautionary Statements	
<p>P264 - Wash hands and exposed skin thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P330 - Rinse mouth. P301/P312 - IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P332/P313 - If skin irritation occurs: Get medical advice/attention.</p>	
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
30.0 - 55.0% L-Menthol

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CAS: 2216-51-5

Classification (EC 1272/2008)

- Skin Irrit. 2 - H315
- Eye Irrit. 2 - H319

20.0 – 30.0% Menthones

CAS: 10458-14-7

Classification (EC 1272/2008)

- Flam. Liq. 3 - H226
- Acute Tox. 4 - H302
- Aquatic Chronic 3 - H412

≤ 6.5% Limonene

CAS: 138-86-3

Classification (EC 1272/2008)

- Flam. Liq. 3 - H226
- Skin Irrit. 2 - H315
- Skin Sens. 1 - H317
- Aquatic Acute 1 - H400
- Aquatic Chronic 1 - H410

2.0 – 10.0% Methyl Acetate

CAS-No: 89-48-5 E

Classification (EC 1272/2008)

- Aquatic Chronic 2 - H411

2.0 - 10.0% 1,8 Cineole

CAS: 470-82-6

Classification (EC 1272/2008)

- Flam. Liq. 3 - H226
- Skin Sens. 1 - H317

<2.0% Pulegone

CAS: 89-82-7

Classification (EC 1272/2008)

- Acute Tox. 4 - H302

<1.0% Menthofuran

CAS: 494-90-6

Classification (EC 1272/2008)

- Acute Tox. 4 - H302
- Skin Irrit. 2 - H315
- Eye Irrit. 2 - H319

<0.2 % Isopulegol

CAS: 7786-67-6

Classification (EC 1272/2008)

- Acute Tox. 4 - H302
- Skin Irrit. 2 - H315
- Eye Irrit. 2 – H319

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04. FIRST AID MEASURES

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	Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!
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.
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

5.1 Extinguishing Media	
Extinguishing media: <ul style="list-style-type: none"> - Carbon dioxide (CO₂) - dry chemical - foam. 	
5.2 Special hazards arising from the product	
When heated to decomposition, it emits acrid smoke as well as carbon monoxide and carbon dioxide.	
5.3 Advice for firefighters	
Protective equipment for fire-fighters: Wear: Self-contained breathing apparatus. Wear chemical protective clothing.	

06. ACCIDENTAL RELEASE MEASURES



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.	
Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.	
6.4 Reference to other sections	
No additional data available.	

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07. HANDLING AND STORAGE

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. <u>Storage Class</u> - Chemical storage.
7.3 Specific end use(s)
No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
No additional data	
8.2 Exposure controls	
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	DO NOT SMOKE IN WORK AREA! 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

9.1 Information on basic physical and chemical properties	
Appearance	Liquid
Colour	Colourless to pale yellow.
Odour	Minty, fresh.

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Relative Density	~ 0.903 @ 20°C
Flash Point (°C)	71°C
Refractive Index	~ 1.462 @ 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. (Soluble in 70% Ethanol at 20c: 1 +4)
Auto-ignition temperature (°C)	No additional data available.
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity	
No additional data available.	
10.2 Chemical stability	
Stable under normal temperature conditions and recommended use.	
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

11.1 Information on toxicological effects	
Acute Toxicity	Harmful if swallowed.
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.

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Photo-toxicity	No additional data available.
Other Information	No additional data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
Toxic to aquatic life with long lasting effects
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
<u>GENERAL INFORMATION</u> When handling waste, consideration should be made to the safety precautions applying to handling of the product. <u>DISPOSAL METHODS</u> 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	

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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
AIR TRANSPORT NOTES Packing Instruction: 914
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.

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16. OTHER INFORMATION

Hazard Statements in Full	H226 - Flammable liquid and vapour. H302 - Harmful if swallowed. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. 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.
Revision Date	25/02/2020

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.