

Material Safety Data Sheet

According to EU Regulation 1907/2006

Peppermint Essential Oil

Date Created:

22.09.2016

Date Revised:

N/A

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier					
Product Name	Peppermint Essential Oil				
Biological Definition	Prepared by steam distillation of Mentha arvensis L. followed by partial dementholisation in order to produce a stable non-crystallising oil.				
INCI Name	Mentha Arvensis Leaf Oil				
Synonyms & Trade Names	Mentha arvensis oil dementholated, Peppermint oil Chinese dementholated, Cornmint oil dementholated				
Internal Product Code	R00319				
FEMA No.	4219	EC No.	---	CoE No.	---
CAS-No	68917-18-0	EC No.	290-058-5	EINECS No.	290-058-5

1.2 Details of the supplier of the safety data sheet

Company Identification	Cerberus Chemicals Ltd Vicarage Barn, Southport Road Scarisbrick, Lancashire L40 8HQ - UK Email: info@cerberuschemicals.com
------------------------	---

1.3 Details of the supplier of the safety data sheet

Emergency Contact	Mr Jordan Boynton - Tel: 01704 840 202
-------------------	--

SECTION 2: Hazards identification	
2.1 Classification of the substance or mixture	
Classification (67/548/EEC)	Xn+N; R22-38-43-51/53, S24-37-61
Classification (EU 1272/2008)	UN-GHS: FL 4, ATO 4(1200), SCI 2, EDI 2A, SS 1, EH A2,C2 EU-CLP: ATO 4, SCI 2, EDI 2, SS 1, EH A2,C2
2.2 Label elements	
GHS Label:	  GHS07 GHS09
Signal Word:	Warning
Contains	Menthols, menthones, limonene, menthyl acetate, pinenes, pulegones
Hazard Statements	H302 Harmful if swallowed 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	P262 Do not get in eyes, on skin, or on clothing. P280 Wear protective gloves/protective clothing/eye protection/face protection P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P273 Avoid release to the environment
Supplementary Precautionary Statements	P391 Collect spillage

Risk phrases and Safety phrases in full refer to Section 16 - Other information

2.3 Other hazards	
Adverse physio-chemical properties	Combustible but will not self-ignite.
Adverse effects on human health	May cause an allergic skin reaction

SECTION 3: Composition/information on ingredients

3.1 Substances

50% Menthols UN-GHS: ATO 5(2600); SCI 2; EDI 2A; EH A3

[L-menthol content >30%; Total menthols > 50%]

30% Menthones UN-GHS: ATO 5(2500); SCI 3;EH A3,C3

5% Limonene UN-GHS: SCI 2; SS 1; EH A1,C1

4% Menthyl acetate UN-GHS: SCI 3; EH A2,C2

3% Pinenes UN-GHS: ATO 5(3700), SCI 2, SS1

2% Pulegones UN-GHS: ATO 4(470); ATD 5(3100); SCI 3

3.2 Mixtures	
EU INCI	US INCI
N/A	N/A

SECTION 4: First aid measures

4.1 Description of first aid measures

General Information	See categories below.
Inhalation	Remove from exposure area to fresh air. Contact a doctor if necessary.
Ingestion	Wash mouth out with water and obtain medical advice immediately.
Skin Contact	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.
Eye Contact	Flush with plenty of water and seek medical advice if necessary.

4.2 Most important symptoms and effects, both acute and delayed

N/A

4.3 Indication of any immediate medical attention and special treatment needed

N/A

SECTION 5: Fire Fighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media: Carbon Dioxide (CO₂), dry chemical, Foam, spraying to base of flames.

Unsuitable Extinguishing Media: Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for fire-fighters

Wear protective clothing. Avoid inhalation of vapours. Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

SECTION 6: Accidental Release Measures

6.1 Personal precautions

Personal Precautions

Maintain good occupational and personal hygiene. Avoid contact with skin and eyes.

6.2 Environmental precautions

Do not discharge into drains or watercourses or onto the ground.

6.3 Methods and material for containment and cleaning up

Absorb with liquid binding material (e.g. sand, diatomaceous earth, acid or universal binding agents). Collect in closed and suitable containers for disposal.

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.

SECTION 7: Handling and Storage

7.1: Precautions for safe handling

Usage precautions:

Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

Advice on general occupational hygiene

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas.

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.

7.3 Specific end use(s)

No additional data available

SECTION 8: Exposure Controls/Personal Protection

8.1 Control Parameters

None

8.2 Exposure Controls

Eye protection		Use safety glasses.
Hand protection		Avoid all skin contact. Use chemically resistant gloves if required.
Respiratory equipment		As required. Avoid breathing product vapour.
Hygiene measures		Wash hands with soap & water after handling.
Engineering measures		Ensure good ventilation of working area.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Clear mobile liquid
Colour	Colourless to pale yellow
Odour	Characteristic
Relative Density	0.888 to 0.910 @ 20°C
Flash Point (°C)	No data
Refractive Index	1.450 to 1.470 @ 20°C
Melting Point (°C)	No data
Boiling Point (°C)	No data
Vapour Pressure	No data
Solubility in Water @20°C	No data
Auto-Ignition Temp. (°C)	No data

9.2 Other information

N/A

SECTION 10: Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under normal temperature conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

Avoid storage temperatures above 25°C

10.5 Incompatible materials

Avoid contact with strong acids, alkalis and oxidising agents.

10.6 Hazardous decomposition products

Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

SECTION 11: Toxicological Information

11.1 Information on toxicological effects.

Acute toxicity:	Acute Oral toxicity: oral-rat LD50: 1.24g/kg Opdyke DLJ (1975) FCT 13, 771 Special Issue II - Binder p258. Dermal toxicity skin-rabbit LD50: >5000 mg/kg Acute Toxicity Hazard Category 4 under EC 1272/2008 guidelines
Skin corrosion / irritation:	Hazard Category 2 under EC 1272/2008 guidelines
Serious eye damage / irritation:	Not classified but potential exists.
Respiratory / skin sensitisation:	Hazard Category 1 under EC 1272/2008 guidelines
Germ cell mutagenicity:	Not classified.
Carcinogenicity:	Not classified.
Reproductive toxicity:	Not classified.
STOT-single exposure:	Not classified.
STOT-repeated exposure:	Not classified.
Aspiration hazard:	Not listed as causing aspiration hazards
Other information:	N/A

SECTION 12: Ecological Information

12.1 Toxicity

Hazardous to the aquatic environment — long-term hazard, Category Chronic 2 following EC1272/2008 guidelines.

12.2 Persistence and degradability

Data not found

12.3 Bio-accumulative potential

Data not found

12.4 Mobility in soil

Data not found

12.5 Results of PBT and VPVB assessment

Data not found

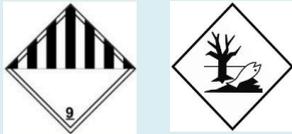
12.6 Other adverse effects

N/A

SECTION 13: Disposal Considerations**13.1 Waste Treatment Methods**

Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.

SECTION 14. Transport Information

Warning Icon	
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S.
UN No. Road	UN 3082
ADR Class	Class 9
Hazard No. (ADR)	90: Environmentally hazardous substance; miscellaneous dangerous substances.
Hazchem Code	3Z
UN No. SEA	UN 3082
IMDG Class	Class 9
IMDG Pack Gr.	Pk Gp III
EMS	F-A, S-F
UN No. AIR	UN 3082
Air Class	Class 9
Air Pack Gr.	Pk Gp III

SECTION 15: Regulatory Information**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 (EEC) No793/93 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.

SECTION 16: Other Information	
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
AND	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
Hazard Statements in Full:	H302 Harmful if swallowed 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

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

Disclaimer	This information contained herein is believed to be true and correct at the time of our response. Any views or opinions presented in this document are solely those of the author and do not necessarily represent those of Cerberus Chemicals Ltd. Neither can we guarantee the accuracy of any of the information of data contained within. It is not, and should not be construed as, a guarantee or warranty, or a part of our contractual or other legal obligations. Disclosure, reproduction or transmission, in whole or in part, without prior written consent of Cerberus Chemicals Ltd is not permitted.
-------------------	---

Revisions in this document

Date (DD-MM-YYYY)	Change	Revision Number
22/09/2016	New Issue	0