

**01. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY UNDERTAKING****1.1 Product Identifier**

1.1 Product Identifier	Spearmint Oil.				
Biological Definition	Mentha Spicata Oil is an essential oil obtained from the herbs of the Spearmint, Mentha spicata L., Labiatae (syn: Mentha viridis L., Labiatae). It contains carvone (more than 50%), limonene, pinene.				
INCI Name	Mentha Spicata Herb Oil.				
Synonyms Trade Names	-				
CAS Number	84696-51-5	EC Number	283-656-2	EINECS No.	283-656-2

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

Calmer Solutions Limited - Hadresham, Woolborough Lane, Outwood, Surrey, England RH1 5QR - Reg No 4992013

1.4 Emergency Telephone Number

In case of a medical emergency following exposure to a chemical, call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 (UK Only)

02. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

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

Classification (EC 1272 / 2008)

Aspiration toxicity Category 1 - (H304). Acute toxicity - Oral Category 4 - (H302). Skin corrosion/irritation Category 2 - (H315). Serious eye damage/eye irritation Category 2 - (H319). Skin sensitization Category 1 - (H317). Chronic aquatic toxicity Category 2 - (H411).

GHS08

GHS07

GHS09

None

None



Signal Word

Danger

Contains

Hazard Statements

H302 Harmful if swallowed.

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

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301 IF SWALLOWED:
P310 Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.
P302 IF ON SKIN:
P352 Wash with plenty of soap and water.
P333 If skin irritation or rash occurs:
P313 Get medical advice/attention.
P305 IF IN EYES:
P351 Rinse cautiously with water for several minutes.
P338 Remove contact lenses, if present and easy to do. Continue rinsing.
P273 Avoid release to the environment.

Supplementary Precautionary Statements

None Identified

2.3 Other Hazards

PBT or PvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	May be harmful in contact with skin.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

60 . 60 % L-Carvone

CAS No: 6485-40-1 EC No: 229-352-5

Classification (EC 1272/2008): Aquatic Acute 3 - H402, Skin Sens. 1 - H317, Skin Irrit 3 - H316, Acute Tox. 4 - H302, Acute Tox. 5 - H313

5 . 15 % D-Limonene

CAS No: 5989-27-5 EC No: 227-813-5

Classification (EC 1272/2008): Flam. Liq. 3 - H226, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410, Skin Irrit. 1 - H410, Skin Sens. 1 - H317

04. FIRST AID MEASURES

4.1 Description of first aid measures

41 Inhalation:	Move to fresh air in case of accidental inhalation of vapours. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.
41 Ingestion:	Do not induce vomiting without medical advice. Clean mouth with water. Never give anything by mouth to an unconscious person. Get medical attention.
41 Eye:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

41 Skin: Remove contaminated clothing and shoes. Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse. Consult a physician if necessary.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

05. FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Carbon dioxide, Chemical Powder or Foam. Do not use a direct stream of water.

5.2 Special hazards arising from the product

In case of fire Carbon Monoxide and other unidentified organic compounds may be released.

5.3 Advice for firefighters

In case of insufficient ventilation use suitable respiratory equipment. Wear chemical protective clothing.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas. For emergency responders Use personal protection recommended in Section 8.

6.2 Environmental Precautions

Collect spillage.

6.3 Methods and material for containment and clearing up

Methods for Containment: Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13). Methods for cleaning up: Cover liquid spill with sand, earth or other non-combustible absorbent material. Sweep up and shovel into suitable containers for disposal.

6.4 Reference to other sections

See Section 12: ECOLOGICAL INFORMATION.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling Ensure adequate ventilation, especially in confined areas. General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including and incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s)

Risk Management Methods (RMM) The information required is contained in this Material Safety Data Sheet.

08. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Chemical Name	European Union	United Kingdom	D-Limonene	-	-	"FranceTWA:
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1000 mg/m³STEL: 1500 mg/m³"Spain-" "Germany TWA: 5ppmTWA: 28 mg/m³ Ceiling / Peak: 20 ppmCeiling / Peak: 112 mg/m³ Skin" - -

8.2 Exposure controls

Protective Equipment

Goggles

None

None

None

None



Process Conditions:	Provide eyewash station.
Engineering Measures:	Provide adequate ventilation.
Respiratory Equipment:	Avoid inhalation of vapour.
Hand Protection:	Avoid skin contact. Wear protective gloves.
Eye Protection:	Wear protective goggles to prevent eye contact.
Other Protection:	Slip proof shoes may be worn in event of spillages.
Hygiene Measures:	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection:	Avoid inhalation of vapour and contact with skin and eyes.
Skin Protection	Wear overalls or laboratory coat to protect from skin contact.
Environmental Exposure Controls:	Avoid discharging into drainage water.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Clear mobile liquid.
Colour:	Colourless to green yellow.
Flash Point:	58 °C / 137 °F
Odour:	Characteristic.
Relative Density:	0.910 – 0.938 @ 20°C.
Refractive:	1.480 – 1.495 @ 20°C.
Melting Point:	No additional data available.
Boiling:	No additional data available.
Vapour:	0.4
Solubility:	Insoluble in water.
Auto Ignition:	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 conditions. Explosion data Sensitivity to Mechanical Impact

None. Sensitivity to Static D

10.3 Possible hazardous reactions

Possibility of Hazardous Reactions None under normal processing.

10.4 Conditions to avoid

Extremes of temperature and direct sunlight.

10.5 Incompatible materials

No additional data available.

10.6 Hazardous Decomposition Products

None under normal use conditions.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity:

Product Information Product does not present an acute toxicity hazard based on known or supplied information. Inhalation No data available. Eye Contact No data available. Skin contact No data available. Ingestion No data available. The following values are calculated based on chapter 3.1 of the GHS document ATEmix (oral) 1,818.00 ATEmix (dermal) 2,711.00 Unknown acute toxicity 23% of the mixture consists of ingredient(s) of unknown toxicity. L-Carvone Oral LD50 = 1640 mg/kg (rat) D-Limonene Oral LD50 = 4400 mg/kg (rat) Dermal LD50 >5 g/kg (rabbit)

Respiratory or skin sensitisation:

No additional data available.

Skin corrosion/irritation:

No additional data available.

Serious Eye damage/irritation:

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.

Photo-toxicity:

No additional data available.

Aspiration hazard:

None.

Other Information:

No additional data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

23 % of the mixture consists of component(s) of unknown hazards to the aquatic environment
Chemical Name: Algae/aquatic plants, Fish, Crustacea D-Limonene
0.619 - 0.796: 96 h Pimephales -promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/LLC50

12.2 Persistence Degradability

No additional data available.

12.3 Bioaccumulation Potential

No additional data available.

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

Waste from Residues / Unused Products Disposal should be in accordance with applicable regional, national and local laws and regulations. Contaminated packaging Improper disposal or reuse of this container may be dangerous and illegal..

14. TRANSPORT INFORMATION

14.1 UN number

Road:	3082
Sea:	3082
Air:	3082

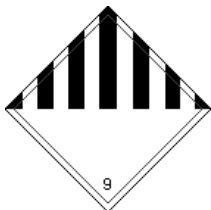
14.2 UN Proper shipping name

Environmentally H

14.3 Transport hazard class(es)

0

Umwelt_140 Cl. 9_140 Environmentally



14.4 Packing group

ADR/RID/ADN Packing group III IMDG Packing group III ICAO Packing group III

14.5 Environmental Hazards

Environmentally H

Environmentally Environmentally Environmentally

14.6 Special precautions for users

None.

14.7 Transport in bulk according to Annex II of MARLPOL73/78 and the IBC Code

EmS: F-A,S-F

15. REGULATORY INFORMATION

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

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

Hazard or precaution	H400 - Very toxic to aquatic life H317 - May cause an allergic skin reaction H304 - May be fatal if swallowed and enters airways H410 - Very toxic to aquatic life with long lasting effects H226 - Flammable liquid and vapour H315 - Causes skin irritation H402 - Harmful to aquatic life H302 - Harmful if swallowed H313 - May be harmful in contact with skin
Other Information:::	None
Revision Date:	4/1/2019
Reason:	New SDS
Revision Number:	2

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 themselves as to the suitability of such information for his own particular use.