



MSDS- PEPPERMINT

Compilation Date: 14/12/2016

Revision date: 26/07/2017

Revision No: 2

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

Product name: Peppermint Mentha Arvensis

REACH registered number: 05-2116406871-48-000 (Status pre-registered)

CAS: 90063-97-1

EINECS: 290-058-5

INCI name: MENTHA ARVENSIS LEAF OIL

1.2 Relevant identified uses of the substance or mixture and uses advised against
Used in production of household, personal care, fragrances and aromatherapy.

1.3. Details of the supplier of the MSDS

Company name: Amour Natural

Unit 6 Adlam's Central Park, Wirral Park Road, Glastonbury BA6 9XE

Tel: 01458 898030

Email: info@amournatural.co.uk

1.4 Emergency telephone number

01458 898030

Section 2: Hazards Identification

2.1 Classification under CLP: Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411;
Acute Tox. 4: H302; Asp. Tox. 1: H304; Eye Irrit. 2: H319

Most important adverse effects: Harmful if swallowed. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

2.2. Label elements

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.

Hazard Pictograms:

GHS07: Exclamation mark

GHS09: Environmental



Signal words: Warning

Precautionary statements:

P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.

P233: Keep container tightly closed.

P264: Wash hands thoroughly after handling.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501: Dispose of contents/container to local and national regulations.

2.3 Other Hazards: Environmentally hazardous liquid Xi,Xn, N R36-irritating to eyes. R38-irritating to skin. R43-May cause sensitisation by skin contact. R51-Toxic to aquatic organisms. R53 - May cause long term adverse effects in the aquatic environment.

This product is not identified as a PBT/vPvB substance

Section 3: Composition/information on ingredients

Non-classified ingredients

MENTHOL

CAS: 89-78-1

PERCENT: 30-50%

MENTHONE

CAS: 10458-14-7

PERCENT: 10-30%

ISO-MENTHONE

CAS: 491-07-6

PERCENT: 1-10%

MENTHYL ACETATE

CAS: 89-48-5

PERCENT: 1-10%

EUCALYPTOL

CAS: 470-82-6

PERCENT: 1-10%

MYRCENE

CAS: 123-35-3

PERCENT: 1-10%

LIMONENE
PERCENT: 1-10%

BETA-PINENE
EINECS: 201-291-9
CAS: 80-56-8
PERCENT: 1-10%

ALPHA-PINENE
EINECS: 201-291-9
CAS: 80-56-8
PERCENT: 1-10%

(+/-)-PULEGONE
CAS: 15932-80-6
PERCENT: 1-10%

Section 4: First Aid Measures

Skin contact: Wash well with water.

Eye contact: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.

Ingestion: Do not induce vomiting. Wash mouth out with water. If irritation develops or persists seek medical attention.

Inhalation: Remove from exposure site to fresh air. If unconscious, check for breathing and apply artificial respiration if necessary.

4.2 Most important symptoms and effects, both acute and delayed: Potential irritant, may cause an allergic skin reaction. Causes serious eye damage. Over exposure at high levels may result in mucous membrane irritation of the nose and throat with coughing.

4.3 Indication of any immediate medical attention and special treatment needed:
Depending on the level/type of exposure, small levels can be treated by first aider. Larger contact or if symptoms persist, seek medical help immediately First Aider protection - Use personal equipment as described in section 8 if substance is present.

Section 5: Fire Fighting Measures

5.1 Extinguishing media: Use CO₂, Dry Powder, Foam or Vaporising liquids.

5.2 Exposure hazards: In combustion emits carbon dioxide and carbon monoxide. Moderate explosion hazard when exposed to flame.

5.3 Advice for fire fighters: Containers near fire should be immediately removed or cooled with water. Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental Release Measures

Personal precautions: Avoid contact with skin & eyes. Shut off sources of ignition. Wear suitable protective clothing. Wash thoroughly after handling.

Environment precautions: Keep away from drains, soils, surface & groundwaters.

Cleaning up methods: For small spills, wash with water and detergent. For large spills contain with earth, sand or similar inert absorbent material and transfer liquids and solids to salvage containers, arrange disposal by disposal company. Wash spill area with water and detergent.

Section 7: Handling and Storage

7.1 Precautions in handling: Avoid spills, skin and eye contact. Ensure sufficient ventilation.

7.2 Storage conditions: Store and transport in accordance with local regulations, in a tightly sealed container. Store in a dry, cool, well ventilated place. Protect from freezing and direct sunlight. Suitable packaging- stainless steel, steel drums, aluminium containers and glass.

7.3 Specific end use: Concentrated product used in production of Household, Personal Care, Flavours, Fragrances and Aromatherapy.

Section 8: Exposure Controls/ Personal Protection

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: None required when used in well-ventilated area. Use approved half face respirator if using undiluted in confined spaces.

Hand protection: Use chemical resistant gloves

Eye protection: Safety goggles

Skin protection: wear protective gloves

Section 9: Physical and Chemical Properties

Colour: Colourless to pale yellow

State: mobile liquid

Odour: Characteristic, strong minty.

Insoluble in water

Flash point °C: 62

Relative density: 0.9

Vapour pressure: 0.1mmHg at 20°C

Refractive index: 1.456-1.470 at 20°C

Optical rotation: 16 deg- 34 deg at 20°C

Section 10: Stability and Reactivity

Reactivity: no data available

Chemical stability: Stable under normal ambient temperatures.

Hazardous reactions: Hazardous polymerization does not occur.

Conditions to avoid: Heat, flames and direct sunlight.

Materials to avoid: Strong oxidizing agents, acids and alkalis.

Decomposition: May produce carbon monoxide and carbon dioxide upon decomposition.

No decomposition products found, if used appropriately.

Section 11: Toxicological Information

Skin corrosion/ irritation- DRM- Hazardous: calculated

Respiratory/ skin sensitisation- DRM- Hazardous: calculated

Section 12: Ecological Information

12.1 Toxicity values

Species:

FISH (menthol)- test: 96H LC50- value: 18.9- units: mg/l

FISH (eucalyptol)- test: 96H LC50- value: 95.4-109- units: mg/l

FISH (alpha-pinene)- test: 96H LC50- value: 0.28- units: mg/l

Daphnia magna (alpha-pinene)- test:48H LC50- value: 41- units: mg/l

12.2 readily biodegradable

12.3 moderate bioaccumulative potential

12.4 mobility in soil: no data available

12.5 This product is not identified as a PBT/vPvB substance

12.6 Other Adverse effects: Moderate toxicity for algae, honeybees, earthworms and aquatic invertebrates.

Section 13: Disposal Considerations

Use local waste disposal authority or chemical disposal company, ensuring compliance with local regulations. Waste is suitable for incineration.

Section 14: Transport Information

UN number: UN3082

Shipping name: Environmentally hazardous substance, liquid n.o.s

Transport class: 9

Packing group: III

Environmentally hazardous and marine pollutant.

Section 15: Regulatory Information

Specific regulations: * The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716)

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other Information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

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.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

