

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

PRODUCT : MENTHA PIPERITA INDIA OIL  
Chemical name : Peppermint, oil  
CAS : 8006-90-4  
EC Number : 282-015-4  
Registration number (REACH) : --/--  
Index No.:

**1.2 Relevant identified uses of the substance or mixture**

Industrial uses. Formulation [mixing] of preparations.  
Uses advised against: Other uses than those recommended.  
{?/TIPOREG}  
{?/EEXP}

**1.3 Details of the supplier of the safety data sheet**

Lluch Essence, SL  
C/ Lo Gaiter de Llobregat 160, 08820 El Prat de Llobregat, Barcelona (Spain - Spain)  
Phone Number: +34 93 379 38 49; Fax: +34 93 478 27 54.

**1.4 Emergency telephone number**

Tel. +34 933 793 849 (8:00 - 17:00 GMT/UTC +1)  
Tel. +1 760 476 3961 Access Code: 335550 (available 24/7 - Verisk 3E)  
More emergency telephones by region:  
<http://www.lluche.com/Emergencytelephones.pdf>.

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification in accordance with Regulation (EC) No 1272/2008**

Skin corrosion/irritation, Hazard Category 2; H315  
Serious eye damage/eye irritation, Hazard Category 2; H319  
Sensitisation — Skin, Hazard Category 1; H317  
Long-term (chronic) aquatic hazard, category chronic 3; H412.

**2.2 Label elements**

EC Number: 282-015-4  
Peppermint, oil



Signal word: Warning

Hazard Statements:

H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statements:

P280: Wear protective gloves/eye protection/face protection.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P501: Dispose of contents/container to an approved waste disposal plant.

**2.3 Other hazards**

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Not available.

**SECTION 3: Composition/information on ingredients**

**3.1 Substances**

| Concentration range of the constituent (% weight/weight) | EC number / Registration number | CAS       | Chemical name   |
|--|---------------------------------|-----------|-----------------|
| ≥50% and ≤100  | 282-015-4<br>01-2119974601-36   | 8006-90-4 | Peppermint, oil |

The chemical identity of any impurity, stabilising additive, or individual constituent other than the main constituent:

| Concentration (%) | CAS        | EC Number | Chemical name                             | Hazard Class and Category Code; Hazard statement codes  |
|-------------------|------------|-----------|---|---|
| <50,00            | 1490-04-6  | 216-074-4 | DL-menthol                                | Skin Irrit. 2;H315- Eye Irrit. 2;H319 <sup>[1]</sup>  |
| <30,00            | 10458-14-7 | 233-944-9 | p-menthan-3-one                           | Skin Irrit. 2;H315- Skin Sens. 1B;H317 <sup>[1]</sup>   |
| <6,90             |            |           | Hydrocarbons, C>4                         | Asp. Tox. 1;H304 <sup>[1]</sup>   |
| <5,00             | 494-90-6   | 207-795-5 | 4,5,6,7-Tetrahydro-3,6-dimethylbenzofuran | Acute Tox. 4;H302- Skin Irrit. 2;H315- Eye Irrit. 2;H319- Aquatic Chronic 2;H411 <sup>[1]</sup>   |
| <3,00             | 5989-27-5  | 227-813-5 | (R)-p-Mentha-1,8-diene                    | Flam. Liq. 3;H226- Skin Irrit. 2;H315- Skin Sens. 1;H317- Asp. Tox. 1;H304- Aquatic Acute 1;H400- Aquatic Chronic 1;H410 <sup>[1]</sup> |
| <2,00             | 15932-80-6 | 240-070-1 | 2-isopropylidene-5-methylcyclohexanone    | Acute Tox. 4;H302 <sup>[1]</sup>  |

[1] Constituent.

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**Consumption:** If swallowed, rinse mouth with water.  
Seek medical advice immediately and show this container or label.  
Keep the person at rest. Do NOT induce vomiting.

**Eye contact:** Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water and seek medical advice.

**Inhalation:** Remove person to fresh air and keep at rest.

**Skin contact:** Remove contaminated clothing. Wash skin with mild soap and water, rinse abundantly. If symptoms persist, obtain medical attention.

**4.2 Most important symptoms and effects, both acute and delayed:**

Irritating to skin or mucous membranes (inflammation). If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract. Causes serious eye irritation.  
May produce an allergic reaction (rash, urticaria).  
Read label before use. No additional information available.

**4.3 Indication of any immediate medical attention and special treatment needed**

Not available.

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

Carbon dioxide, dry chemical powder or appropriate foam.  
For safety reasons do not use full water jet.

**5.2 Special hazards arising from the substance or mixture**

Not applicable.

**5.3 Advice for firefighters**

In case of fire in the surrounding area, follow the recommendations below:  
1-Closed containers may build up pressure at elevated temperatures.

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- 2-Avoid inhalation of fumes or vapours. Use appropriate respiratory protection.
- 3-Prevent run-off from fire fighting to enter drains or water courses.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Wear appropriate gloves to prevent skin exposure.  
Avoid breathing vapours. Use a suitable respiratory apparatus if necessary. Avoid contact with eyes and skin.  
Maintain adequate ventilation in the working area after spilling.

**6.2 Environmental precautions**

Avoid contaminating the environment via the sewers or water sources.

**6.3 Methods and material for containment and cleaning up**

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).  
Ventilate area and wash spill site after material pickup is complete.  
Dispose of in accordance with current laws and regulations.

**6.4 Reference to other sections**

See also sections 8 and 13.

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

Keep away from food, drink and animal feedingstuffs. Do not smoke.  
Avoid contact with skin and eyes.  
Handle in accordance with good industrial hygiene and safety practice.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.  
Keep away from incompatible substances (see section 10).

**7.3 Specific end use(s)**

Not available.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

Declaration of substances is not required.

**8.2 Exposure controls**

Personal protection equipment: Appropriate personal protective equipment shall be worn in accordance with Regulation (EU) 2016/425.  
Engineering Controls-Ventilation: The areas where the product is handled and stored should be adequately ventilated.  
Respiratory Protection: Use personal breathing apparatus whenever deemed necessary.  
Skin Protection: Avoid contact with skin. Compatible chemical-resistant gloves are recommended.  
Rinse and remove gloves immediately after use. Wash hands with soap and water thoroughly after handling.  
Eye/Face protection: Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

Appearance: LIQUID  
Colour: COLORLESS - PALE YELLOW  
Odour: MINTY, REFRESHING  
Odour threshold: Not determined  
pH value: Not determined  
Evaporation rate: Not determined  
Melting point: Not determined

|   |   |
|---|---|
| Boiling point:                          | 197 - 204 °C                            |
| Flash point:                            | 66 °C                                   |
| Auto-ignition temperature:              | Not determined                          |
| Decomposition temperature:              | Not determined                          |
| Vapour pressure:                        | Not determined                          |
| Vapour density:                         | Not determined                          |
| Density:                                | 0.898 - 0.918 g/cm <sup>3</sup> (25 °C) |
| Water solubility:                       | Not determined                          |
| Partition coefficient: n-octanol/water: | Not determined                          |
| Viscosity:                              | Not determined                          |
| Kinematic viscosity:                    | Not determined                          |
| Oxidising properties:                   | Not available.                          |
| Explosive properties:                   | Not available.                          |
| Lower explosive limit:                  | Not determined                          |
| Upper explosive limit:                  | Not determined                          |

#### 9.2 Other information

Additional information: Not applicable.

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Not available.

#### 10.2 Chemical stability

Stable under normal operating conditions.

#### 10.3 Possibility of hazardous reactions

Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions.

#### 10.4 Conditions to avoid

Heat, flames and other sources of ignition.

Handle in accordance with good industrial hygiene and safety practice.

#### 10.5 Incompatible materials

Oxidizing mineral acids, strong reducing agents, strong oxidizing agents.

#### 10.6 Hazardous decomposition products

Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

|   |           |
|---|-----------|
| Acute oral toxicity (LD50):                       | Non toxic |
| Acute dermal toxicity (LD50):                     | Non toxic |
| Acute Inhalation toxicity (LC50 Gas):             | Non toxic |
| Acute Inhalation toxicity (LC50 Dusts and Mists): | Non toxic |
| Acute Inhalation toxicity (LC50 Vapours):         | Non toxic |

See also sections 2 and 3.

### SECTION 12: Ecological information

#### 12.1 Toxicity

Acute aquatic toxicity: Not determined

Chronic aquatic toxicity: Not determined

See also sections 2 and 3.

#### 12.2 Biodegradation:

Not determined

**12.3 Bioaccumulative potential:**

Not determined

**12.4 Mobility in soil:**

Not available.

**12.5 Results of PBT and vPvB assessment:**

Not determined

**12.6 Other adverse effects:**

Not available.

Do not allow the material to enter streams, sewers or other waterways.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

Container disposal: Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralise. Empty residue into a suitable disposal site.

Disposal conditions: Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

**SECTION 14: Transport information**

**International Carriage of Dangerous Goods by Road (ADR)**

UN No.: Not applicable  
 Proper Shipping Name: Not subject to ADR.  
 Packing Group: -  
 Class: -  
 Tunnel restriction code: -  
 Label: -

**Sea Transport (IMDG)**

UN No.: Not applicable  
 Proper Shipping Name: Not restricted.  
 Packing Group: -  
 Class: -  
 Subsidiary hazard: -  
 Marine Pollutant: No  
 Label:

**Air Transport (ICAO/IATA)**

UN No.: Not applicable  
 Proper Shipping Name: Not restricted.  
 Packing Group: -  
 Class: -  
 Subsidiary hazard: -  
 Label:

**SECTION 15: Regulatory information**

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

Not available

**15.2 Chemical safety assessment**

Not available.

**SECTION 16: Other information**

Text of hazard statement codes in section 3 (impurities, stabilising additives, constituents):

- H226: Flammable liquid and vapour.
- 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.
- 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.

This material should only be used for industrial purposes.

Key literature references and sources for data:

1. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
2. 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.
3. Occupational Exposure Limits by the INSHT (Spanish National Institute of Safety and Hygiene at Work).

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