

0070 - Peppermint Oil, Natural Safety Data Sheet

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

1.1. Product identifier

Product name : 0070 – Peppermint Oil, Natural
CAS Number : 8006-90-4

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Food industry: component

1.3. Details of the supplier of the safety data sheet

LorAnn Oils, Inc.
4518 Aurelius Road
Lansing, MI 48910
Telephone: 1.800.862.8620

1.4. Emergency telephone number

Emergency number : CHEMTREC: Within USA and Canada: 1.800.424.9300 Outside USA and Canada: +1 703 527 3887

SECTION 2: Hazards identification


2.1. Classification of the substance or mixture

Classification (GHS-US)

Asp. hazard 1	H304	May be fatal if swallowed and enters airway
Eye irritation 2A	H319	Causes serious eye irritation
Environ. Hazard, acute 2	H401	Toxic to aquatic life
Flammable liquid 4	H227	Combustible liquid
Skin irritation 2	H315	Causes skin irritation
Skin sensitization 1	H317	May cause an allergic skin reaction

2.2. Label elements

GHS label elements: The substance is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms :  *GHS08*  *GHS07*

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H304 May be fatal if swallowed and enters airway
H319 Causes serious eye irritation
H401 Toxic to aquatic life
H227 Combustible liquid
H315 Causes skin irritation
H317 May cause an allergic skin reaction

Precautionary statements (GHS-US) : P102 Keep out of reach of children
P273 Avoid release to the environment
P233 Keep container tightly closed
P241 Use explosion-proof electrical equipment
P261 Avoid breathing vapours
P264 Wash hands thoroughly after handling

SECTION 3: Composition/information on ingredients :

Chemical Characterization: Substances

CAS No. Description: 8006-90-4 *Mentha piperita* Leaf/Stem Oil

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove from exposure and move to fresh air immediately. Get medical assistance if cough or other symptoms appear.
- First-aid measures after skin contact : Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- First-aid measures after eye contact : Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
- First-aid measures after ingestion : Do not induce vomiting. Get medical aid if irritation of symptoms occurs.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : CO₂, dry powder or foam type extinguishers

5.2. Special hazards arising from the substance or mixture

No further relevant information available.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

PROCEDURE : Remove any source of flame or sparks. If in a confined area NIOSH approved respiratory protection may be required. Remove individuals from the area if they do not have respiratory/dust protection. Spray material with water to prevent dusting and remove to an approved disposal container. Follow Federal, State and Local procedures for cleaning up of powder. Dispose of in accordance with current laws and regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Handle according to good safety procedures, avoiding unnecessary exposure by wearing appropriate protective gear for the situation.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Store in full closed containers in a cool dry area away from heat, light and sources of ignition.

SECTION 8: Exposure controls/personal protection

- Respiratory protection : Respiratory protection is normally not required in well ventilated areas. However, approved respiratory protection may be required when the material is rated toxic by inhalation or if the material is to be used in a confined area.
- Eye protection : May cause irritation
- Skin protection : May cause irritation

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Color	: Colorless to pale yellow
Odor	: Characteristic peppermint odor
pH	: N/A
Relative evaporation rate (butyl acetate=1)	: N/A
Melting point	: N/A
Boiling point	: N/A
Flash point	: 165 °F
Auto-ignition temperature	: N/A
Vapor pressure at 20 °C	: N/A
Refractive index	: 1.460
Specific gravity	: 0.8985
Solubility	: Insoluble
Viscosity, dynamic	: N/A
Auto-ignition temperature	: N/A

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Strong oxidizing agents, strong reducing agents

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

Carbon monoxide, carbon dioxide

SECTION 11: Toxicological information

LD50 (ORAL) : N/A

LD50 (DERMAL) : N/A

LC50 : N/A

MUTAGENICITY : N/A

CARCINOGENICITY : N/A

REPRODUCTIVE TOXICITY : N/A

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity : No data available

Persistence and degradability : Not available

12.2. Behavior in environmental systems

Bioaccumulative potential : Not available

12.3. Additional Ecological Information

Results of PBT and vPvB assessment

PBT: Not determined.

vPvB: Not determined.

Other adverse effects: Do not allow the material to enter streams, sewers or other waterways.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State and Local Regulations.

SECTION 14: Transport information

DOT: *Not regulated*

UN/NA ID#: *N/A*

TARIFF#: *3301.24.0000*

HAZARD CLASS: *N/A*

PACKAGING GROUP: *N/A*

IMO: *N/A*

IATA: *N/A*

SECTION 15: Regulatory information

- **GHS label elements:** The substance is classified and labelled according to the Globally Harmonized System (GHS).

- **Hazard pictograms:**



GHS08



GHS07

- **Signal word:** Danger
- **Risk Phrases:**
 - Irritating to skin
 - May cause sensitization by skin contact
 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
 - Harmful: may cause lung damage if swallowed
- **Safety Phrases:**
 - Avoid contact with skin
 - Wear suitable protective clothing and gloves
 - Avoid release to the environment. Refer to special instructions/safety data sheet
 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

SECTION 16: Other information

Other information

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