

## SAFETY DATA SHEET

### 01. IDENTIFICATION

PRODUCT NAME: Peppermint Oil

MOLECULAR WEIGHT: N/A

CHEMICAL NAME: Essential Oil obtained by steam distillation of arial parts of Mentha Piperita Herb (Family: Labiatae)

SUPPLIER NAME: OliveNation LLC

SUPPLIER ADDRESS: 13 Robbie Road Ste. A4  
Avon, MA 02322 USA

TELEPHONE NUMBER: (617) 580-3667

### 02. HAZARD IDENTIFICATION

POTENTIAL ACUTE HEALTH EFFECT: Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation

POTENTIAL HEALTH EFFECTS:

CARCINOGENIC EFFECT:	Not available
MUTAGENIC EFFECTS:	Not available
TERATOGENIC EFFECTS:	Not available
DEVELOPMENTAL TOXICITY:	Not available

Repeated or prolonged exposure is not known to aggravate medical condition.

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

NAME: Pepper Mint Oil

CAS No.: 8006-90-4

PERCENT BY WEIGHT: 100%

TOXICOLOGICAL DATA: Oral (LD50) Acute: 2426 mg at][rat]

### 04. FIRST AID MEASURES

EYE CONTACT: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

SKIN CONTACT: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

SERIOUS SKIN CONTACT: Not available



INHALATION:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SERIOUS INHALATION:

Not available

INGESTION:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

SERIOUS INGESTION:

Not available

## 05. FIRE FIGHTING MEASURES

FLAMMABILITY OF THE PRODUCT:

Combustible.

AUTO-IGNITION TEMPERATURE:

Not Available.

FLASH POINTS:

Closed Cup: 67°C - 71°C (153 F - 159.8°F).

Open Cup: 75°C (167°F).

FLAMMABLE LIMITS:

Not available.

PRODUCTS OF COMBUSTION:

Not available.

FIRE HAZARDS IN PRESENCE

OF VARIOUS SUBSTANCES:

Flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks.

EXPLOSION HAZARDS IN PRESENCE

OF VARIOUS SUBSTANCES:

RISKS OF EXPLOSION OF THE PRODUCT IN PRESENCE OF MECHANICAL IMPACT:

Not available

RISKS OF EXPLOSION OF THE PRODUCT IN PRESENCE OF STATIC DISCHARGE:

Not available

FIRE FIGHTING MEDIA AND INSTRUCTIONS:

SMALL FIRE:

Use DRY chemical powder.

LARGE FIRE:

Use water spray, fog or foam. Do not use water jet.

SPECIAL REMARKS ON FIRE HAZARDS:

When heated to decomposition it emits acrid smoke and irritating fumes.

SPECIAL REMARKS ON EXPLOSION HAZARDS:

Not available.

## 06. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:

Absorb with an inert material and put the spilled material in an appropriate waste disposal.

LARGE SPILL:

Combustible material. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Finish cleaning by spreading water on the contaminated surface



and allow to evacuate through the sanitary system.

## 07. HANDLING & STORAGE

### PRECAUTIONS:

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapor/spray. Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

### STORAGE:

Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Sensitive to light. Store in light-resistant containers.

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

### AIRBORNE EXPOSURE LIMITS:

None established.

### VENTILATION SYSTEM:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

### SKIN PROTECTION:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

### EYE PROTECTION:

Use chemical safety goggles and/or full face shield where splashing of liquid is possible. Maintain eye wash fountain and quick-drench facilities in work area.

## 09. PHYSICAL & CHEMICAL PROPERTIES

### APPEARANCE:

Clear liquid

### ODOR:

Characteristic pleasant

### SOLUBILITY:

1 ml dissolves in 4 ml of 70% alcohol

### DENSITY:

0.896 @ 25 deg. C

### pH:

No information found. (Acidic)

### % VOLATILES BY VOLUME @ 21C (70F):

No information found.

### BOILING POINT RANGES UP TO:

240C (464F)

MELTING POINT:

VAPOR DENSITY (Air=1):

VAPOR PRESSURE (mm Hg):

EVAPORATION RATE (BuAc=1):

Not applicable.

No information found.

No information found.

No information found.

## 10. STABILITY & REACTIVITY

STABILITY:

HAZARDOUS DECOMPOSITION PRODUCTS:

HAZARDOUS POLYMERIZATION:

INCOMPATIBILITIES:

CONDITIONS TO AVOID:

The product is stable.

Carbon dioxide and carbon monoxide may form when heated to decomposition.

Will not occur.

Reactive with oxidizing agent.

Heat, flames, ignition sources and incompatibles.

## 11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY:

TOXICITY TO ANIMALS:

CHRONIC EFFECTS ON HUMANS:

OTHER TOXIC EFFECTS ON HUMANS:

SPECIAL REMARKS ON TOXICITY TO ANIMALS:

SPECIAL REMARKS ON CHRONIC EFFECTS ON HUMANS:

Absorbed through skin. Eye contact.

Acute oral toxicity (LD50): 2426 mg/kg [Rat]

Not available

Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Not available

May affect genetic material (mutagenic)

## 12. ECOLOGICAL INFORMATION

ECOTOXICITY:

BOD5 and COD:

PRODUCTS OF BIODEGRADATION:

TOXICITY OF THE PRODUCTS OF BIODEGRADATION:

SPECIAL REMARKS ON THE PRODUCTS OF BIODEGRADATION:

Not available

Not available

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Not available

Not available

## 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

## 14. TRANSPORT INFORMATION

TRANSPORT CLARIFICATION  
ADR / RID / ADN

UN-No. 3082

Class 9

Packaging Group P-001

Description of the Goods Environmentally hazardous Liquid substance N.O.S.

a. Peppermint Oil (Ex. Mentha Piperita)

PROPER SHIPPING NAME

IMDG

UN-No. 3082

Class 9

Packaging Group P-001

## 15. REGULATORY INFORMATION

FEDERAL AND STATE REGULATIONS:

OTHER REGULATIONS:

TSCA 8(b) inventory: Peppermint Oil

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

OTHER CLASSIFICATIONS:

WHMIS (Canada):

CLASS B-3: Combustible liquid with a flash point between 37.8°C (100 and 93.3°C (200°F).

DSCL (EEC):

R36- Irritating to eyes.

S2 – Keep out of the reach of children.

S46 – If swallowed, seek medical advice immediately and show this container or label.

HMIS (U.S.A.):

HEALTH HAZARD:

2

FIRE HAZARD:

2

REACTIVITY:

0

NATIONAL FIRE PROTECTION ASSOCIATION (U.S.A.):

HEALTH:

2

FLAMMABILITY:

2

REACTIVITY:

0

SPECIFIC HAZARD:

PROTECTIVE EQUIPMENT:

Not applicable. Lab coat. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

AUSTRALIAN HAZCHEM CODE:

None allocated

POISON SCHEDULE:

None allocated

**16. OTHER INFORMATION**

Essential oils must be diluted prior to use. It is the sole responsibility of the user to determine the method and amount of dilution required for safe use, which may vary depending on the nature of the intended use. Keep away from children and pregnant women.

REFERENCES: Not available.  
OTHER SPECIAL CONSIDERATIONS: Not available.

The information provided above is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material.

Although OliveNation LLC believes the above information to be accurate based on the information available to OliveNation, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from OliveNation meets their quality requirements and is appropriate for the use to which the product is to be put.

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