



## SAFETY DATA SHEET

### 01. IDENTIFICATION

PRODUCT NAME:	Spearmint Oil
CAS No.:	8008-79-5
EINEC:	283-656-2
FEMA No.:	3032
MOLECULAR WEIGHT:	N/A
CHEMICAL NAME:	Essential Oil obtained by steam distillation of arial parts of <i>Mentha Spicata</i> Herb (Family: <i>Labiatae</i> )
SUPPLIER NAME:	Candles and Supplies
SUPPLIER ADDRESS:	2580 Milford Square Pike Quakertown PA 18951 USA
TELEPHONE NUMBER:	(215) 538-8552

### 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:	Spearmint
CAS No.:	84696-51-5
PERCENT BY WEIGHT:	100%
TOXICOLOGICAL DATA:	Oral-rat: 5000 mg/kg

### 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:  
INHALATION:

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

SERIOUS INHALATION:  
INGESTION:

Not available  
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.  
Not available

SERIOUS INGESTION:

## 05. FIRE FIGHTING MEASURES

FLAMMABILITY OF THE PRODUCT:  
AUTO-IGNITION TEMPERATURE:  
FLASH POINTS:

Combustible  
Not Available  
Closed Cup: 67 C - 71°C (153 F - 159.8°F).  
Open Cup: 75°C (167°F)

FLAMMABLE LIMITS:  
PRODUCTS OF COMBUSTION:  
FIRE HAZARDS IN PRESENCE  
OF VARIOUS SUBSTANCES:

Not available  
Not available

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

Not available

Not available

FIRE FIGHTING MEDIA AND INSTRUCTIONS:

SMALL FIRE:  
LARGE FIRE:

Use DRY chemical powder.  
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 yellowish liquid

### ODOR:

Characteristic pleasant

### SOLUBILITY:

1 ml dissolves in 4 ml of 70% alcohol

### DENSITY:

0.89 @ 25 deg. C

### pH:

No information found. (Acidic)

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

No information found.



BOILING POINT RANGES UP TO:  
MELTING POINT:  
VAPOR DENSITY (Air=1):  
VAPOR PRESSURE (mm Hg):  
EVAPORATION RATE (BuAc=1):

240C (464F)  
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 / ADNR

UN-No. 3082

Class 9

Packaging Group P-001

Description of the Goods:

Environmentally hazardous Liquid substance N.O.S.

a. Spearmint Oil

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 Candles and Supplies believes the above information to be accurate based on the information available to Candles and Supplies, 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 Candles and Supplies meets their quality requirements and is appropriate for the use to which the product is to be put. Use and purchase of this material is subject to Candles and Supplies standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.