



Safety Data Sheet Spearmint Essential Oil

September 28, 2015

Section 1: Chemical Product and Company Identification

Product name: Spearmint Essential Oil
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1-877-627-7883

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Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

Section 2: Hazards Identification

2.1. Classification

Regulation 29 CFR 1910.1200:

Flammable Liquid, Category 4
Skin Corrosion/Irritation, Category 2
Skin Sensitization, Category 1

Signal word: WARNING

Hazard statement(s):

COMBUSTIBLE LIQUID
CAUSES SKIN IRRITATION
MAY CAUSE AN ALLERGIC SKIN REACTION

Precautionary statement(s):

Keep away from flames and hot surfaces – No smoking.
Wear protective gloves, eye/face protection, and protective clothing.
Wash hands thoroughly after handling.
Avoid breathing fumes/vapors.
Contaminated work clothing must not be allowed out of the workplace.

IN CASE OF FIRE: Use carbon dioxide (CO₂), dry chemical powder, foam to extinguish.

IF ON SKIN: Wash with plenty of water/soap.

If skin irritation or rash occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Store in a well-ventilated place. Keep cool.

Dispose of contents/container to comply with applicable local/regional/national/international regulations.

2.2. Hazards not otherwise classified (HNOC) Hazards: No information available.

2.3. Unknown toxicity

Unknown toxicity: Not applicable.

Section 3: Composition/Information on Ingredients

3.1. Main hazardous component(s)

Name	Identifier	%	Classification according to Regulation 29 CFR 1910.1200
Mentha spicata /cardiac (Spearmint oil)	CAS #: 8008-79-5 100		Skin Corrosion/Irritation, Category 2 Skin Sensitization, Category 1

Section 4: First Aid Measures

4.1. Necessary first aid measures

After inhalation: Remove victim to fresh air. If not breathing, give artificial respiration. In case of breathing difficulties, administer oxygen. Seek medical attention immediately.

After skin contact: After contact with skin, wash immediately with plenty of water and soap. Remove all contaminated clothing and footwear. If skin irritation persists, seek medical attention.

After eye contact: Rinse immediately and thoroughly, pulling the eyelids away from eyes (15 minutes minimum). Remove contact lenses, if present and easy to do. Continue rinsing. In all cases of doubt, or when symptoms persist, seek medical advice.

After ingestion: Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Seek medical advice.

4.2. Important symptoms/effects

Acute: Eye irritation, skin irritation/rash may occur.

Delayed: No information available.

4.3. Immediate medical attention and special treatment needed

Medical attention: No information available.

Special treatment: No information available.

Section 5: Fire-Fighting Measures

5.1. Extinguishing media

Suitable: Carbon dioxide (CO₂), dry chemical powder, foam.

Unsuitable: If water must be used, use as a spray only.

5.2. Specific hazards arising from the chemical

Hazards: When heated to decomposition, emits acrid smoke and irritating fumes.

5.3. Protective equipment and precautions for firefighters

Personal protective equipment (PPE): Wear proper protective equipment. Extra personal protection: complete protective clothing including self-contained breathing apparatus.

Precautions: Cool down the containers exposed to heat with a water spray. Spray suitable extinguishing media directly at base of flame.

Section 6: Accidental Release Measures

6.1. Personal protection

Personal precautions: Avoid contact with skin and eyes. Do not breathe gas/vapor. Ensure adequate ventilation.

PPE: Wear suitable protective clothing, gloves, and eye/face protection.

Emergency procedures: Eliminate ignition sources. Evacuate unnecessary personnel.

6.2. Methods and materials for containment and cleaning up

Methods: Stop leak if safe to do so. Contain and/or absorb spill with inert material, then place in suitable and labelled containers and dispose according to local legislation.

Materials: Inert material (sand, vermiculite, or other appropriate material) and suitable container(s).

Section 7: Handling and Storage

Precautions: Keep away from open flames, hot surfaces, and sources of ignition. Only those quantities absolutely necessary for the work to proceed are to be kept at the workplace. Any quantities remaining must not be returned to the storage container.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin and eyes. Wash hands thoroughly after handling. Remove all contaminated clothing and footwear. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage

Storage conditions: Store tightly closed in a dry, cool, and well-ventilated place. Store in original container.

Incompatible products: Strong oxidizing agents. Strong bases.

Incompatible materials: Flammable and combustible materials.

Storage temperature: This product is not temperature sensitive between the ranges of 10-25°C.

Section 8: Exposure Controls/Personal Protection

8.1. Exposure limit values

Name Identifier Agency Test Limit: None identified.



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8.2. Appropriate engineering controls

Engineering controls: Ensure adequate ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

8.3. Personal protective equipment (PPE)

Hand protection: Wear suitable protective gloves.

Eye protection: Wear suitable protective goggles.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: An approved organic vapor respirator/supplied air or self-contained breathing apparatus must be used when vapor concentration exceeds applicable exposure limits.

Section 9: Physical and Chemical Properties

9.1. Physical and chemical properties

Physical state: Liquid

Flammability/explosive limits: No information available

Color: Colorless to pale yellow

Vapor pressure: No information available

Odor: Spearmint

Vapor density: No information available

Odor threshold: No information available

Relative density: 0.917 – 0.934

pH: No information available

Solubility(ies): Water: Insoluble

Melting/freezing point: No information available

Partition coefficient: n-octanol/water: No information available

Initial boiling point: No information available

Auto-ignition temperature: No information available

Flashpoint: 66 – 72 °C

Decomposition temperature: No information available

Evaporation rate: No information available

Viscosity: No information available

Flammability (solid, gas): No information available

9.2. Other properties

Other properties: No information available.

Section 10: Stability and Reactivity

10.1 Reactivity Stable under normal conditions of use.

10.2 Chemical stability Stable under normal conditions of use.

10.3 Possibility of hazardous reactions Stable under normal conditions of use.

10.4 Conditions to avoid Heat, open flame, sparks, hot surfaces, ignition sources, elevated temperature.

10.5 Incompatible materials Flammable and combustible materials, strong oxidizing agents, strong acids and bases.

10.6 Hazardous decomposition products When heated to decomposition, emits acrid smoke and irritating fumes.

Section 11: Toxicological Information

11.1. Information on the likely routes of exposure

Inhalation: May cause irritation to the respiratory tract.

Ingestion: May be harmful if swallowed.

Skin contact: Causes skin irritation. May cause an allergic skin reaction.

Eye contact: May cause eye irritation.

11.2. Symptoms related to physical, chemical and toxicological characteristics

Physical: No information available.

Chemical: No information available.

Toxicological: No information available.

11.3. Effects from short and long term exposure

Immediate: Eye irritation may occur. Skin irritation/rash may occur.

Delayed: No information available.

Chronic: No information available.

11.4. Numerical measures of toxicity

Oral ATE (rat): > 5,000 mg/kg

Dermal ATE: Not classified.

Inhalation ATE: Not classified.

11.5. Carcinogenic component(s)

NTP report on carcinogens: Not classified.

IARC monographs: Not classified.

OSHA: Not classified.

Section 12: Ecological Information

12.1 Ecotoxicity

Aquatic: No information available.

Terrestrial: No information available.

12.2. Persistence and degradability

Persistence: No information available.

Degradability: No information available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No information available.

12.4. Mobility in soil

Mobility in soil: No information available.

12.5. Other adverse effects

Other adverse effects: No information available.

Section 13: Disposal Conditions

13.1 Waste treatment methods

Dispose of contents/container to comply with applicable local, national, and international regulations

Section 14: Transport Information

US DOT NA number: 1993

US DOT proper shipping name: Combustible liquid, n.o.s. (Spearmint Oil)

US DOT transport hazard class(es): 3

US DOT packing group: III

Only applies when oil is shipped in bulk packaging, via ground transport in the US. Bulk packages have a capacity superior to 119 gallons (450 liters).

Section 15: Regulatory Information

U.S. Federal Regulations:

None identified

Other Restrictions:

None identified

Section 16: Other Information

16.1. General SDS information

16.2. Full text

ATE: Acute Toxicity Estimate NTP: National Toxicity Program

CAS: Chemical Abstract Service OSHA: Occupational Safety and Health Administration

CFR: Code of Federal Regulations PEL: Permissible Exposure Level

DOT: Department of Transportation PPE: Personal Protective Equipment

EC: European Community SDS: Safety Data Sheet

GHS: Globally Harmonized System SDS: Safety Data Sheet

HCS: Hazard Communication Standard TLV: Threshold Limit Value

HMIS: Hazardous Materials Identification System TWA: Time Weighted Average

HNOC: Hazard Not Otherwise Classified UN: United Nations

IARC: International Agency for Research on Cancer

16.3. HMIS III rating

Health hazard: 1



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Flammability: 2

Physical Hazard: 0

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