



## SAFETY DATA SHEET Spearmint 65% Essential Oil

### 1. Identification

#### Product identifier

**Product name** Spearmint 65% Essential Oil

**Synonyms; trade names** Spearmint Oil,  
Mentha Spicata L.(Labiatae)

**CAS number** 8008-79-5

#### Recommended use of the chemical and restrictions on use

**Application** Fragrance Flavors Household Products

#### Details of the supplier of the safety data sheet

**Supplier** Chemistry Connection  
253 Sturgis Road  
Conway, Arkansas  
USA

**Telephone number** (501) 470-9689

**Email** contact@thechemistryconnection.com

**Emergency telephone number** (888) 583-7738

### 2. Hazard(s) identification

#### Classification of the substance or mixture

**OSHA Regulatory Status** This Product is Hazardous under the OSHA Hazard Communication Standard.

**Physical hazards** Not Classified

**Health hazards** Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304

**Environmental hazards** Aquatic Acute 2 - H401 Aquatic Chronic 2 - H411

#### Label elements

##### Pictogram



**Signal word**

Danger

##### Hazard statements

H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.

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**Precautionary statements**      P261 Avoid breathing vapor/ spray.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P405 Store locked up.  
 P501 Dispose of contents/ container in accordance with national regulations.

**Contains**                              Spearmint Oil

### 3. Composition/information on ingredients

#### Mixtures

<b>Spearmint Oil</b>	<b>100.0%</b>
CAS number: 8008-79-5	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Aquatic Acute 2 - H401	
Aquatic Chronic 2 - H411	

The full text for all hazard statements is displayed in Section 16.

**Ingredient notes**                      100% Natural

### 4. First-aid measures

#### Description of first aid measures

**Inhalation**                              Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

**Ingestion**                                If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**Skin Contact**                            Remove contaminated clothing immediately and wash skin with soap and water.

**Eye contact**                            Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes.

#### Most important symptoms and effects, both acute and delayed

**Inhalation**                                May cause an asthma-like shortness of breath.

**Ingestion**                                May cause discomfort if swallowed.

**Skin contact**                            Prolonged skin contact may cause redness and irritation.

**Eye contact**                            May cause temporary eye irritation.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media**      Extinguish with foam, carbon dioxide or dry powder.

**Unsuitable extinguishing media**    Do not use water jet as an extinguisher, as this will spread the fire.

#### Special hazards arising from the substance or mixture

**Hazardous combustion products**    Does not decompose when used and stored as recommended.

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### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

#### Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Retain all contaminated water for removal and treatment.

**Reference to other sections** Wear protective clothing as described in Section 8 of this safety data sheet.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep container tightly closed. Keep away from heat, sparks and open flame.

#### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.

### 8. Exposure Controls/personal protection

#### Exposure controls

#### Protective equipment



**Eye/face protection** Wear tight-fitting, chemical splash goggles or face shield.

**Hand protection** Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

**Other skin and body protection** Wear rubber apron.

**Respiratory protection** If ventilation is inadequate, suitable respiratory protection must be worn.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Clear liquid.
<b>Color</b>	Colorless to Pale Yellow
<b>Odor</b>	Characteristic.
<b>Flash point</b>	67°C CC (Closed cup).
<b>Relative density</b>	0.920 to 0.937 @ 20°C
<b>Refractive index</b>	1.460 to 1.500 @ 20°C

### 10. Stability and reactivity

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<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
<b>Possibility of hazardous reactions</b>	None if used according to storage & handling conditions & identified uses
<b>Conditions to avoid</b>	Avoid exposing to heat and contact with strong oxidizing substances.
<b>Materials to avoid</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended.

### 11. Toxicological information

#### Information on toxicological effects

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,000.0

**Species** Rat

##### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 5,000.0

**Species** Rabbit

**Inhalation** May cause respiratory system irritation.

**Ingestion** May cause discomfort if swallowed.

**Skin Contact** Prolonged and frequent contact may cause redness and irritation.

**Eye contact** May cause temporary eye irritation.

### 12. Ecological Information

**Ecotoxicity** The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

### 13. Disposal considerations

#### Waste treatment methods

**General information** Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 14. Transport information

**Road transport notes** Avoid releasing into the environment.

**Rail transport notes** Avoid releasing into the environment.

**Sea transport notes** Do not release into the environment.

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**Air transport notes** Avoid releasing into the environment.

**UN Number**

**UN No. (IMDG)** 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (limonene)

**UN No. (ICAO)** 3082 Environmentally hazardous substance, liquid, n.o.s. (limonene)

**UN No. (DOT)** Not regulated.

**UN proper shipping name**

**Proper shipping name (IMDG)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (limonene)

**Proper shipping name (ICAO)** Environmentally hazardous substance, liquid, n.o.s. (limonene)

**Proper shipping name (DOT)** Not regulated.

**Transport hazard class(es)**

**IMDG Class** 9

**ICAO class/division** 9

**Transport labels**



**Packing group**

**IMDG packing group** III

**ICAO packing group** III

**Environmental hazards**

**Environmentally Hazardous Substance**



**Special precautions for user**

**IMDG Code segregation group** Category A Clear of living quarters

**EmS** F-A, S-F

### 15. Regulatory information

**Regulatory Status** This material is Hazardous under the OSHA Hazard Communication Standard

**Regulatory References** 29 CFR 1910.1010 Federal Regulations (OSHA STANDARD)

### 16. Other information

**General information** FEMA# 3032  
Tariff# 3301.25.5020  
FDA# 182.20

**Revision comments** Revised by JY

**Issued by** DH

## Spearmint 65% Essential Oil

<b>Revision date</b>	12/28/2017
<b>Revision</b>	1
<b>Supersedes date</b>	3/8/2017
<b>Hazard statements in full</b>	H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H401 Toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects.
<b>NFPA - instability hazard</b>	Normally stable. (0)
<b>NFPA - health hazard</b>	Irritation, minor residual injury. (1)
<b>NFPA - flammability hazard</b>	Burns only if heated moderately. (2)

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.