

42109 State Route 18
Wellington, OH 44090
PHONE: 440-647-0100 FAX: 440-647-0220
<http://www.naturesgardencandles.com>
E-mail address: info@naturesgardencandles.com

Safety Data Sheet

Product: **Spearmint
Fragrance Oil**

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade Name: Spearmint Fragrance Oil

1.2 Relevant identified product use

Intended use: Compound used in customer substance/mixture/product

1.3 Details of the manufacturer/supplier of the safety data sheet

Supplier: **Natures Garden Fragrances**
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<http://www.naturesgardencandles.com>
Department E-mail address: info@naturesgardencandles.com

2. Hazards Identification

2.1 Classification of the substance or mixture

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

Classification according to GHS Regulation (EC) No 1272/2008

Acute Toxicity Oral, Category 5	H303: May be harmful if swallowed
Sensitization, Skin, Category 1B	H317: May cause an allergic skin reaction
Acute Toxicity Inhalation, Category 5	H333: May be harmful if inhaled
Aquatic Chronic Toxicity, Category 3	H412: Harmful to aquatic life with long lasting effects

Classification EU (67/548/EEC, 199/45/EC)

Xi Irritant
R43 : May cause sensitization by skin contact

2.2 Label elements

Labeling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal Word: Warning

Hazard statements

H303	May be harmful if swallowed
H317	May cause an allergic skin reaction
H333	May be harmful if inhaled
H412	Harmful to aquatic life with long lasting effects

Precautionary Statements

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Prevention:

P272 Contaminated work clothing should not be allowed out of the workplace
P273 Avoid release to the environment

Response:

P302 + P352 IF ON SKIN: Wash with soap and water
P304 + P312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell
P312 Call a POISON CENTER or doctor/physician if you feel unwell
P333 + P313 If skin irritation or a rash occurs: Get medical advice/attention
P363 Wash contaminated clothing before reuse

2.3 Other Hazards

no data available

3. Composition/Information on Ingredients

3.1 Mixtures

This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):

CAS# Ingredient	EC#	Conc. Range	GHS Classification	EU Classification
6485-40-1 <i>l</i> -Carvone	229-352-5	2 - 5 %	H313; H317; H402	Xi - R43
84696-51-5 <i>Mentha viridis</i> (spearmint) extract	283-656-2	2 - 5 %	H227; H303; H313; H316; H402; H411; H412	N - R51/53; Xi - R43; Xn - R65
15356-70-4 <i>Menthol racemic</i>	239-388-3	2 - 5 %	H227; H303; H315; H319; H402	Xi - R38
68917-18-0 <i>Mentha arvensis leaf oil</i>	290-058-5	2 - 5 %	H227; H302; H315; H401; H411	N - R51/53; Xi - R38, R43; Xn - R22
128-37-0 <i>Butylated hydroxytoluene</i>	204-881-4	1 - 2 %	H316; H400; H410	N - R50/53

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 0.78

4. First Aid Measures

4.1 Description of first aid measures

Inhalation: Remove from exposure site to fresh air and keep at rest. Obtain medical advice.

Eye Exposure: Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

Skin Exposure: Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.

Ingestion: Rinse mouth with water and obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed



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SDS Type: GHS / EU

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Symptoms:

no data available

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Risks: Refer to Section 2.2 "Hazard Statements"

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: Refer to Section 2.2 "Response"

5. Fire-Fighting measures

5.1 Extinguishing media

Suitable: Carbon dioxide (CO₂), Dry chemical, Foam

Unsuitable Do not use a direct water jet on burning material

5.2 Special hazards arising from the substance or mixture

During fire fighting: Water may be ineffective

5.3 Advice for firefighters

Further information: Standard procedure for chemical fires

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

6.2 Environmental precautions

Keep away from drains, soil, and surface and groundwater.

6.3 Methods and materials for containment and cleaning up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

6.4 Reference to other sections

Not Applicable

7. Handling and Storage

7.1 Precautions for safe handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid plastic and uncoated metal container. Keep air contact to a minimum.

7.3 Specific end uses

No information available

8. Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits:

Component

ACGIH
TWA ppm

12

8-

37-

0

ACGIH
STEL
ppm

Butylated hydroxytoluene

OSHA TWA ppm



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OSHA STEL ppm

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Engineering Controls: Use local exhaust as needed.

8.2 Exposure controls - Personal protective equipment

Eye protection: Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure

Respiratory protection: Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

Skin protection: Avoid Skin contact. Use chemically resistant gloves as needed.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Conforms to Standard
Odor:	Conforms to Standard
Color:	Colorless
Viscosity:	Liquid
Freezing Point:	Not determined
Boiling Point:	Not determined
Melting Point:	Not determined
Flashpoint:	>200 F (93.33 C)
Auto flammability:	Not determined
Explosive Properties:	None Expected
Oxidizing properties:	None Expected
Vapor Pressure (mmHg@20 C):	0.0218
%VOC:	4
Specific Gravity @ 25 C:	0.9265
Density @ 25 C:	0.9235
Refractive Index @ 20 C:	1.4505
Soluble in:	Oil

10. Stability and Reactivity

10.1 Reactivity	None
10.2 Chemical stability	Stable
10.3 Possibility of hazardous reactions	None known
10.4 Conditions to avoid	None known
10.5 Incompatible materials	Strong oxidizing agents, strong acids, and alkalis
10.6 Hazardous decomposition products	None known

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11. Toxicological Information

11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula"

Acute toxicity - Oral - mg/kg	(LD50: 4,566.21) May be harmful if swallowed
Acute toxicity - Dermal - mg/kg	(LD50: 6,802.72) Not classified - the classification criteria are not met
Acute toxicity - Inhalation - mg/L/4hr	(LC50: 299.94) May be harmful if inhaled
Skin corrosion / irritation	Not classified - the classification criteria are not met
Serious eye damage / irritation	Not classified - the classification criteria are not met
Respiratory sensitization	Not classified - the classification criteria are not met
Skin sensitization	May cause an allergic skin reaction
Germ cell mutagenicity	Not classified - the classification criteria are not met
Carcinogenicity	Not classified - the classification criteria are not met
Reproductive toxicity	Not classified - the classification criteria are not met
Specific target organ toxicity - single exposure	Not classified - the classification criteria are not met
Specific target organ toxicity - repeated exposure	Not classified - the classification criteria are not met
Aspiration hazard	Not classified - the classification criteria are not met

12. Ecological Information

12.1 Toxicity

Acute aquatic toxicity	Not classified - the classification criteria are not met
Chronic aquatic toxicity	Harmful to aquatic life with long lasting effects
Toxicity Data on soil	no data available
Toxicity on other organisms	no data available

12.2 Persistence and degradability no data available

12.3 Bioaccumulative potential no data available

12.4 Mobility in soil no data available

12.5 Other adverse effects no data available

13. Disposal Conditions

13.1 Waste treatment methods

Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

14. Transport Information

Regulator

Class

Pack Group

Sub Risk

UN-nr.

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U.S. DOT (Non-Bulk)

Chemicals NOI

Not Regulated - Not Dangerous Goods

ADR/RID (International Road/Rail)

Chemicals NOI

Not Regulated - Not Dangerous Goods

IATA (Air Cargo)

Chemicals NOI

Not Regulated - Not Dangerous Goods

IMDG (Sea)

Chemicals NOI

Not Regulated - Not Dangerous Goods

15. Regulatory Information

Additional European Regulations:

European Union (EINECS, ELINCS or NLP): 100.00% (by Wt) of the components are listed or exempt.

Additional Asian Regulations:

Australian AICS: 100.00% (by Wt) of the ingredients on AICS or notified.

Chinese IECS: 100.00% (by Wt) of the ingredients on IECS.

Japan ENCS: 100.00% (by Wt) of the ingredients on ENCS, fall within the 1000 kilogram per annum exemption or have been notified.

Korea KECL: 96.00% (by Wt) of the ingredients on KECL, fall within the 100 kilogram per annum exemption or have been notified.

New Zealand NZloc: 98.00% (by Wt) of the ingredients on NZloc.

Philippines PICCS: 100.00% (by Wt) of the ingredients on PICCS.

The Status of the following ingredient(s) is NOT known for the registration lists noted;

Lists noted within <> brackets after name

6485-40-1	229-352-5	2 - 5 %	I-Carvone : < KECL>
15356-70-4	239-388-3	2 - 5 %	Menthol racemic : < NZloc>

16. Other Information

GHS H-Statements referred to under section 3**Total Fractional Values**

(TFV) Risk

(4.00) Sensitization, Skin, Category 1B

(TFV) Risk

(6.56) Aquatic Chronic Toxicity, Category 3

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Remarks

This safety data sheet is based on the properties of the material known to Natures Garden Fragrances™ at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment Natures Garden Fragrances™ holds no responsibility. This document is not intended for quality assurance purposes.