

0090 – Spearmint Oil, Natural

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Date of issue: 05/11/2021 Version: 3

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : 0090 – Spearmint Oil, Natural
CAS Number : 8008-79-5

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Food industry: component

1.3. Details of the supplier of the safety data sheet

LorAnn Oils, Inc.
4518 Aurelius Road
Lansing, MI 48910
Telephone: 1.800.862.8620

1.4. Emergency telephone number

Emergency number : CHEMTREC: Within USA and Canada: 1.800.424.9300 Outside USA and Canada: +1 703 527 3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture.

Classification (GHS-US)



GHS08 Health Hazard

Aspiration hazard 1 H304 May be fatal if swallowed and enters airways.



GHS07

Acute toxicity 4 H302 Harmful if swallowed.
Skin corrosion/irritation 2 H315 Causes skin irritation.
Eye irritation 2A H319 Causes serious eye irritation.
Skin sensitization 1 H317 May cause an allergic skin reaction.
STOT SE 3 H335 May cause respiratory irritation.
Flam. Liq. 4 H227 Combustible liquid.

2.2. Label elements

GHS label elements: The substance is classified and labeled according to the Globally Harmonized System (GHS).
Hazard pictograms



GHS08



GHS07

Signal word (GHS-US) : Danger

Hazard-determining components of labelling : SPEARMINT OIL

Hazard statements (GHS-US) : Combustible liquid.
Harmful if swallowed
Causes skin irritation.

Precautionary statements (GHS-US)	Causes serious eye irritation. May cause an allergic skin reaction. May cause respiratory irritation. May be fatal if swallowed and enters airways. : Dispose of contents/container in accordance with local/regional/national/international regulations. Keep away from flames and hot surfaces. – No smoking. Avoid breathing dust/fume/gas/mist/vapors/spray Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Immediately call a poison center/doctor. If on skin: Wash with plenty of water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (see on this label). Rinse mouth. Do NOT induce vomiting. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Wash contaminated clothing before reuse. In case of fire: Use for extinction: CO₂, powder or water spray. Store in well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.
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2.3. Classification System and other hazards

NFPA ratings (scale 0-4)

Health = 2
Fire = 2
Reactivity = 0

HMIS-ratings (scale 0-4)

Health = 2
Fire = 2
Reactivity = 0

Results of PBT and vPvB assessment

PBT: *Not applicable*
vPvB: *Not applicable*

SECTION 3: Composition/information on ingredients :

Chemical Characterization: Substances
CAS No. Description: 8008-79-5 SPEARMINT OIL

SECTION 4: First aid measures

4.1. Description of first aid measures

General Information:

Immediately remove any clothing soiled by the product.
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After Inhalation:

Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
After skin contact: Immediately wash with water and soap and rinse thoroughly.
After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing: Immediately call a doctor.

Information for doctor:

Most important symptoms and effects, both acute and delayed: *No further relevant information available.*

Indication of any immediate medical attention and special treatment needed: *No further relevant information available.*

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : CO2, extinguishing powder or water spray.
Fight larger fires with water spray or alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

No further relevant information available.

5.3. Advice for firefighters

Protection during firefighting : No special measures required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2. Environmental precautions

Do not allow to enter sewers/surface or ground water.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

6.4. Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
Information about protection against explosions and fires : Keep ignition sources away – Do not smoke.

7.2. Storage

Requirements to be met by storerooms and receptacles: Recommended Storage Conditions: Store/ship in a closed container in a dry place away from direct sunlight at 60-85 degrees F. Store in tightly sealed containers in a cool, dry place that is well ventilated. Away from heat, sparks, and open flame.
Information about storage in one common storage facility: Not required
Further information about storage conditions: keep receptacle tightly sealed.
Specific end use(s): No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional information about design of technical systems: *No further data; see item 7*
Components with limit values that require monitoring at the workplace: *Not required.*
Additional information: *The lists that were valid during the creation were used as basis.*

8.2. Exposure controls

Personal protective equipment :
General protective and hygienic measures : Keep away from foodstuff, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with eyes.
Avoid contact with the eyes and skin.
Hand protection : The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material	: The exact break through time has to be found out by the manufacture of the protective gloves and has to be observed.
Material of the gloves	: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
Breathing equipment	: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
Eye protection	: Tightly sealed goggles

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: According to product specifications
Odor	: Characteristic
Odor threshold	: Not determined
pH	: Not determined
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: Undetermined
Freezing point	: No data available
Boiling point	: Undetermined
Flash point	: 152 °F
Auto-ignition temperature	: Not determined
Decomposition temperature	: Not determined
Flammability (solid, gas)	: Not applicable
Vapor pressure	: Not determined
Vapor pressure at 20 °C	: Not determined
Relative density	: Not determined
Density @ 20°C (68°F):	: Not determined
Solubility	: Not miscible in water or difficult to mix
Organic solvents	: 0.0%
Viscosity, dynamic	: Not determined
Explosive properties	: Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
Solids content	: Not determined
Explosive limits	: Not determined

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No further relevant information available.

10.2. Chemical stability

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

No dangerous decomposition products known.

10.7. Thermal decomposition / conditions to be avoided

No decomposition if used according to specifications.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Carcinogenic categories:

IARC (International Agency for Research on Cancer)	
Substance is not listed	
NTP (National Toxicology Program)	
Substance is not listed.	
OSHA-Ca (Occupational Safety & Health Administration)	
Substance is not listed.	

Skin corrosion/irritation : No irritant effect
Serious eye damage/irritation : Irritating effect.
Sensitization : Sensitization possible through skin contact.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity : No further relevant information available
Persistence and degradability : No further relevant information available

12.2. Behavior in environmental systems

Bioaccumulative potential : No further relevant information available
Mobility in soil : No further relevant information available

12.3. Additional Ecological Information

General notes:

Water hazard class 1 (Self-assessment):slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects: No further relevant information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Uncleaned packagings recommendation : Disposal must be made according to official regulations.

SECTION 14: Transport information

UN-Number DOT, ADN, IMDG,IATA	<i>Not regulated</i>
UN <i>proper shipping name</i> DOT, ADN, IMDG, IATA	<i>Not regulated</i>
<i>Transport hazard class(es)</i> DOT, ADN, IMDG, AITA <i>Class</i>	<i>Not regulated</i>
<i>Packing Group</i> DOT, IMDG, IATA	<i>Not regulated</i>
<i>Environmental hazards:</i> <i>Marine pollutant:</i>	<i>No</i>
<i>Special precautions for user</i>	<i>Not applicable</i>
<i>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</i>	<i>Not applicable</i>
UN "Model Regulation"	-

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Sara

Section 355 (extremely hazardous substances):

Substance is not listed.

Section 313 (Specific toxic chemical listings):

Substance is not listed.

TSCA (Toxic Substances Control Act)

Substance is listed.

Proposition 65

Chemicals know to cause cancer:

Substance is not listed.

Chemicals known to cause reproductive toxicity for females:

Substance is not listed.

Chemicals known to cause reproductive toxicity for males:

Substance is not listed.

Chemicals known to cause developmental toxicity:

Substance is not listed.

Carcinogenic categories

EPA (Environmental Protection Agency)

Substance is not listed.

TLV (Threshold Limit Value established by ACGIH)

Substance is not listed.

NIOSH-Ca (National Institute for Occupational Safety and Health)

Substance is not listed.

- **GHS label elements:** The substance is classified and labelled according to the Globally Harmonized System (GHS).

- **Hazard pictograms:**



GHS07



GHS08

- **Signal word:** Danger
- **Hazard-determining components of labelling:** SPEARMINT OIL
- **Hazard statements:**
 - Combustible liquid.
 - Harmful if swallowed.
 - Causes skin irritation.
 - Causes serious eye irritation.
 - May cause an allergic skin reaction.
 - May cause a respiratory irritation.
 - May be fatal if swallowed and enters airways.
- **Precautinary statements:**
 - Keep away from flames and hot surfaces. – No smoking.
 - Avoid breathing dust/fume/gas/mist/vapors/spray
 - Use only outdoors or in a well-ventilated area.
 - Wash thoroughly after handling.
 - Do not eat, drink or smoke when using this product.
 - Contaminated work clothing must not be allowed out of the workplace.
 - Wear protective gloves/protective clothing/eye protection/face protection.
 - If swallowed: Immediately call a poison center/doctor.
 - If on skin: Wash with plenty of water.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment (see on this label).
Wash contaminated clothing before reuse.
If skin irritation or rash occurs: Get medical advice/attention.
Rinse mouth.
Do NOT induce vomiting.
If on skin: Wash with plenty of water.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
In case of fire: Use for extinction: CO₂, powder or water spray.
Store in well-ventilated place. Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.
Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Other information

: **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

- **Department issuing SDS:** *Regulatory department.*
- **Date of preparation / last revision:** *04/09/2018*
- **Abbreviations and acronyms:**
 - ADR: Accord europeen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*
 - IMDG: International Maritime Code for Dangerous Goods*
 - DOT: US Department of Transportation*
 - IATA: International Air Transport Association*
 - ACGIH: American Conference of Governmental Industrial Hygienists*
 - CAS: Chemical Abstracts Service (division of the American Chemical Society)*
 - NFPA: National Fire Protection Association (USA)*
 - HMIS: Hazardous Materials Identification System (USA)*
 - Acute Tox. 4: Acute toxicity, Hazard Category 4*
 - Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2*
 - Skin Sens. 1: Sensitisation – Skin, Hazard Category 1*
 - Asp. Tox. 1: Aspiration hazard, Hazard Category 1*