

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 1272/2008

Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** 601193
Product Name: Spearmint Flavor
Trade Name: Spearmint Flavor
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- 1.3 Details of the Supplier of the Safety Data Sheet:**
- Company Name:** Perfumer's Apprentice
 170 Technology Circle
 Scotts Valley, CA 95066
Web site address: Perfumersapprentice.com
- Phone Number:** (831)316-7137
- 1.4 Emergency telephone number:**
- Emergency Contact:** Chem-Tel Phone (800)255-3924

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
- 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]:**
 Skin Corrosion/Irritation, Category 2
- 2.1.2 Classification according to Directive 1999/45/EC:**
- 2.2 Label Elements:**
- 2.2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]:**



GHS Signal Word: Warning

GHS Hazard Phrases:

H315: Causes skin irritation.

GHS Precaution Phrases:

P264: Wash {hands} thoroughly after handling.

P280: Wear {protective gloves/protective clothing/eye protection/face protection}.

GHS Response Phrases:

P302+352: IF ON SKIN: Wash with plenty of soap and water.

P321: Specific treatment {see ... on this label}.

P332+313: If skin irritation occurs, get medical advice/attention.

P362+364: Take off contaminated clothing and wash it before reuse.

GHS Storage and Disposal Phrases:

No phrases apply.

- 2.2.2 Labeling according to Directive 1999/45/EC:**



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2.3 Adverse Human Health

Effects and Symptoms:

Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	Risk Phrases/ GHS Classification
6485-40-1	L - p - Mentha - 1(6),8 - dien - 2 - one	60.0 -66.0 %	229-352-5 NA	Xn; R22
57-55-6	Propylene glycol	34.0 -40.0 %	200-338-0 NA	No phrases apply. Skin Corr. 2: H315 Eye Damage 2A: H319 STOT (SE) 3: H335 H336

Section 4. First Aid Measures

4.1 Description of First Aid

Measures:

In Case of Inhalation: Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen.

In Case of Skin Contact: In case of contact, flush skin with plenty of water.

In Case of Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.

In Case of Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water.

Note for the Doctor: Treat symptomatically and supportively. Persons with impaired kidney function may be more susceptible to the effects of this substance.

Section 5. Fire Fighting Measures

5.1 Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam. Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

5.2 Flammable Properties and Hazards:

Flash Pt: > 93.30 C Method Used: Closed Cup

Explosive Limits: LEL: UEL:

Autoignition Pt:

5.3 Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Section 6. Accidental Release Measures

6.1 Protective Precautions, Protective Equipment and Emergency Procedures: Ensure adequate ventilation.

6.2 Environmental Precautions:

6.3 Methods and Material For Containment and Cleaning Up: Dike to collect large liquid spills.

Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Wash thoroughly after handling. Use only in a well-ventilated area. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed.
- 7.2 Precautions To Be Taken in Storing:** Keep container tightly closed in a dry and well-ventilated place.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
6485-40-1	L - p - Mentha - 1(6),8 - dien - 2 - one			
57-55-6	Propylene glycol	TWA: 474 mg/m3 (150 ppm) (Total Particulates) TWA: 10 mg/m3 (Powder)		

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
6485-40-1	L - p - Mentha - 1(6),8 - dien - 2 - one			
57-55-6	Propylene glycol			

8.2 Exposure Controls:

- 8.2.1 Engineering Controls (Ventilation etc.):** Use adequate ventilation to keep airborne concentrations low. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

8.2.2 Personal protection equipment:

- Eye Protection:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
- Protective Gloves:** Wear appropriate protective gloves to prevent skin exposure.
- Other Protective Clothing:** Wear appropriate protective clothing to prevent skin exposure.
- Respiratory Equipment (Specify Type):** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

- Physical States:** ☐ Gas ☒ Liquid ☐ Solid
- Appearance and Odor:** Transparent Colorless.
Spearmint taste and aroma.
- Melting Point:**
- Boiling Point:**
- Flash Pt:** > 93.30 C Method Used: Closed Cup
- Evaporation Rate:**
- Explosive Limits:** LEL: UEL:
- Vapor Pressure (vs. Air or mm Hg):**
- Vapor Density (vs. Air = 1):**



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Specific Gravity (Water = 1): 0.9876 at 22.0 C

Solubility in Water:

Autoignition Pt:

9.2 Other Information

Percent Volatile:

Section 10. Stability and Reactivity

10.1 Reactivity:

10.2 Stability: Unstable [] Stable [X]

10.3 Conditions To Avoid -

Hazardous Reactions:

Possibility of Will occur [] Will not occur [X]

Hazardous Reactions:

10.4 Conditions To Avoid -

Instability:

10.5 Incompatibility -

Materials To Avoid:

10.6 Hazardous

Decomposition Or

Byproducts:

Section 11. Toxicological Information

11.1 Information on Toxicological Effects:

This mixture has not been subjected to toxicological testing but has been blended from materials with established toxicological bibliographies. In view of the difficulty of using current standard toxicological evaluation techniques to predict potential hazards to susceptible individuals or arising from unforeseeable potentiation, this preparation should be considered and handled as if it displayed health hazards and consequently treated with all possible precaution.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Section 12. Ecological Information

12.1 Toxicity:

This mixture as a whole has not been subjected to ecotoxicological testing. In view of the difficulty of using current standard ecotoxicological evaluation techniques to predict the impact of particular modes of release on vulnerable or localized parts of the ecosystem, this preparation should be considered and handled as if it displayed potential environmental hazards, and treated in consequence with all possible precaution.

12.2 Persistence and Degradability:

12.3 Bioaccumulative Potential:

12.4 Mobility in Soil:

12.5 Results of PBT and vPvB assessment:

12.6 Other adverse effects:



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Section 13. Disposal Considerations

13.1 Waste Disposal

Method:

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Section 14. Transport Information

GHS Classification: Skin Corrosion/Irritation, Category 2 - Warning! Causes skin irritation

14.1 LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.

DOT Hazard Class:

UN/NA Number:

14.1 LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not Regulated.

UN Number:

Hazard Class:

14.2 MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

Section 15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
6485-40-1	L - p - Mentha - 1(6),8 - dien - 2 - one	No	No	No
57-55-6	Propylene glycol	No	No	No

This material meets the EPA ☒ Yes ☐ No Acute (immediate) Health Hazard
'Hazard Categories' defined ☐ Yes ☒ No Chronic (delayed) Health Hazard
for SARA Title III Sections ☐ Yes ☒ No Fire Hazard
311/312 as indicated: ☐ Yes ☒ No Sudden Release of Pressure Hazard
☐ Yes ☒ No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists	International Regulatory
6485-40-1	L - p - Mentha - 1(6),8 - dien - 2 - one		REACH: (R), (P)
57-55-6	Propylene glycol		REACH: (R), (P)



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European Community Hazard Symbol codes:

European Community Risk and Safety Phrases:

Section 16. Other Information

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Additional Information About This Product: This product contains no added diacetyl as an ingredient. However, because diacetyl can occur in small amounts as an artifact of the production process in other ingredients, "No Added Diacetyl" products may not be "Diacetyl Free", as trace amounts may be present.

Company Policy or Disclaimer: The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any other process, unless specified in the text.