

SAFETY DATA SHEET

1. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE:	Peppermint Hydrosol
BOTANICAL NAME:	Mentha piperita
CAS NO.:	84082-70-2
SUPPLIER NAME:	YellowBee Packaging and Supplies Inc.
SUPPLIER ADDRESS:	#106 2880 107 Ave SE Calgary AB T2Z3R7 Canada
TELEPHONE NUMBER:	(587) 352 3929
RECOMMENDED USE:	Domestic and Industrial

2 HAZARD IDENTIFICATION

Classification:	Not hazardous, non-regulated
Symbol(s):	None
Signal Word(s):	None
Hazard Statement(s):	None
Precautionary Statement(s):	Inhalation: None expected when used under normal conditions Ingestion: May cause irritation of gastrointestinal tract, nausea, or vomiting Skin Contact: Not expected to be a skin irritant Eye Contact: May cause eye irritation upon direct contact
Other Hazards:	None known under normal conditions and recommended uses

3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Common Name / Synonyms	CAS No.	% Vol
Mentha piperita flower/leaf/stem extract	Peppermint flower/leaf/stem extract	84082-70-2	100



4 FIRST-AID MEASURES

Inhalation:	If breathing becomes difficult, remove victim to fresh air. Give artificial respiration ONLY if breathing has stopped. Seek medical attention if necessary.
Ingestion:	Non-toxic. If large amounts swallowed do not induce vomiting. If vomiting occurs, have victim lean forward with head down to avoid aspiration of vomit, rinse mouth. Obtain medical attention if condition persists and take a copy of the label and/or SDS with the victim to the health professional.
Skin Contact:	If irritation develops, wash skin thoroughly with soap and water. Seek medical attention if irritation persists.
Eye Contact:	If product enters the eyes and irritation develops, flush with plenty of water or eye wash solution for several minutes. Seek medical attention if irritation persists.
Most Important Symptoms and Effects, Acute and Delayed:	May cause irritation of gastrointestinal tract, nausea, or vomiting when ingested. May cause eye irritation upon direct contact.
Immediate Medical Attention and Special Treatment:	Target Organs: None known Special Instructions: Not applicable Medical Conditions Aggravated by Exposure: None known

5 FIREFIGHTING MEASURES

Suitable Extinguishing Media:	Water spray, foam, halon, carbon dioxide, dry chemical, any 'C' class, or use an extinguishing agent suitable for the surrounding fire
Unsuitable Extinguishing Media:	Not applicable
Specific Hazards Arising from the Chemical:	None known. Non-combustible
Special Protective Equipment and Precautions for Firefighters:	Initial fire responders should wear eye protection Structural firefighters must wear Self-Contained Breathing Apparatus (SCBA) and full protective equipment. Closed containers may build up pressure when exposed to heat and should be cooled with water spray. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk.



6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Approach any spill with caution. Ensure adequate ventilation.
Environmental Precautions:	Mixes with water. No adverse effects known.
Protective Equipment:	Use cautious judgment when cleaning up spill. Wear suitable protective clothing, gloves, and eye/face protection.
Emergency Procedures:	Refer to Section 1 for emergency contact information. Approach any spill with caution. Isolate the spill to keep from spreading if necessary.
Methods and Materials for Containment and Cleaning Up:	Refer to Section 13 for disposal considerations

Small Spill
Move containers from spill area. Soak up with mop or absorbent material such as clay, sand, or other suitable non-reactive material. Collect liquid/material into sealed containers. Dispose of via a licensed waste disposal contractor.

Large Spill
Move containers from spill area. Ensure adequate ventilation. Prevent entry into sewers, storm drains, water courses, or confined areas. Soak up with mop or absorbent material such as clay, sand, or other suitable non-reactive material. Collect liquid/material into sealed containers. Dispose of via a licensed waste disposal contractor.

7 HANDLING AND STORAGE

Precautions for Safe Handling:	No special precautions necessary. Promptly clean up spills.
Conditions for Safe Storage:	<ul style="list-style-type: none">• Keep containers closed• Store in a refrigerator or cool, dark (no sunlight and UV exposure), temperature stable place. Ensure adequate ventilation when storing large quantities.• Do not freeze• Do not allow unsterilized items (fingers, cotton balls, etc.) come into direct contact with the hydrosol

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:	Occupational Exposure Limits: Information not established or available Biological Limits: Information not established or available
Appropriate Engineering Controls:	Use with adequate ventilation. Sink with hot and cold running water within direct access. Eyewash station within direct access. Spill clean-up equipment within direct access.



Individual Protection Measures: Respiratory Protection

Not required for properly ventilated areas.
If necessary, use only approved respiratory protection according to local safety standards.

Eye/Face Protection

Safety glasses or goggles are recommended.
If necessary, refer to local safety standards for approved eye/face protection equipment.

Hand Protection

Chemical resistant gloves are recommended to prevent skin contact.
If necessary, refer to local safety standards for approved hand protection equipment.

Body Protection

Use body and foot protection appropriate to task being performed.
If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection. If necessary, refer to local safety standards for approved body and foot protection equipment.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Physical State:	Clear liquid
Odour:	Fresh, sharp, and comparable to Menthol
Odour Threshold:	Not available
pH:	4.4-5.0
Melting and Freezing Points:	Melting: Not applicable Freezing: 0°C (32°F)
Initial Boiling Point/Range:	100°C (212°F)
Flash Point:	Not available
Evaporation Rate:	Not available
Flammability (solid, gas):	Not applicable
Upper/Lower Flammability or Explosive Limits:	Not applicable
Vapour Pressure:	Not available
Vapour Density (air = 1):	Not applicable
Relative Density (water = 1):	Not available
Solubility:	Not available



Partition Coefficient (n-octanol/water): Not available

Auto-Ignition Temperature: Not applicable

Decomposition Temperature: Not available

Viscosity: Not available

10 STABILITY AND REACTIVITY

Reactivity: Avoid contact or contamination with strong acids, alkalis, and oxidizing agents

Chemical Stability: Stable under normal conditions and use

Possibility of Hazardous Reactions: None known

Conditions to Avoid: Heat, excessive heat, and freezing will quickly degrade the product

Incompatible Materials: None known

Hazardous Decomposition Products: None known

11 TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, ingestion, skin contact, eye contact

Skin Corrosion/Irritation: Not expected to be an irritant

Serious Eye Damage/Irritation: Not expected to be an irritant

Respiratory and/or Skin Sensitization: Not expected to cause respiratory or skin sensitization

Aspiration Hazard: No information available

STOT (Specific Target Organ Toxicity) - Single Exposure:

STOT (Specific Target Organ Toxicity) - Repeated Exposure:



Inhalation

No information available

Ingestion

No information

Skin Absorption

No information available

availableNo

information available

Carcinogenicity:

Not known to cause cancer



LC50, LD50 (oral), LD50 (dermal):	No information available
Reproductive Toxicity:	No information available
Development of Offspring:	No information available
Effects on or via Lactation:	No information available
Germ Cell Mutagenicity:	No information available
Interactive Effects:	No information available

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No information available
Persistence and Degradability:	100% natural with low persistence level and readily biodegradable
Bioaccumulative Potential:	No information available
Mobility in Soil:	High mobility in soil
Other Adverse Effects:	None known

13 DISPOSAL CONSIDERATIONS

Waste Treatment Methods:	Dispose of according to local, provincial, and federal government regulations and environmental legislation
Container Reuse:	Rinse and sterilize containers

14 TRANSPORT INFORMATION

Transportation of Dangerous Goods (TDG):	Not regulated under Canadian TDG regulations
US Department of Transportation (DOT):	Not regulated under US DOT Regulations
	UN Identification Number: Non-regulated material
	Proper Shipping Name: None
	Hazard Class Number and Description: None
	Packing Group: None
	DOT Label(s) Required: None
	North American Emergency Response Guidebook Number: None
	RQ Quantity: None
	Environmental Hazards: None
	Special Precautions: None



International Air Transport Association Shipping Information (IATA):	This product is not considered as dangerous goods
International Maritime Organization Shipping Information (IMO):	This product is not considered as dangerous goods
Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:	This product is not considered as dangerous goods

15 REGULATORY INFORMATION

Canada Safety, Health, and Environmental Regulations	Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL) This product is DSL listed
USA Safety, Health, and Environmental Regulations	Canadian Environmental Protection Act (CEPA) Priorities Substances Lists Did not meet the criteria under subsection 73(1) of the Canadian Environmental Protection Act, 1999 (CEPA) Toxic Substances Control Act (TSCA) Section 8(b) Not specifically listed California Safe Drinking Water and Toxic Enforcement Act (Proposition 65) This product does not contain ingredients on the Proposition 65 Lists



16 OTHER INFORMATION

The information provided above is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Although YellowBee Packaging and Supplies Inc. believes the above information to be accurate based on the information available to YellowBee, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from YellowBee meets their quality requirements and is appropriate for the use to which the product is to be put. Use and purchase of this material is subject to YellowBee Packaging and Supplies Inc. standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.

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