

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Peppermint Japanese Organic Essential Oil
Botanical name	:	Mentha arvensis
Synonyms	:	Corn Mint, Wild Mint
FEMA	:	4219
INCI name	:	Mentha arvensis Leaf Oil
CAS #	:	68917-18-0
Country of Origin	:	India
EINECS #	:	290-058-5
Product use	:	Domestic and Industrial
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

### GHS Classification

Flammable liquid - Category 4.

Acute Toxicity oral - Category 4

### GHS Label elements, including precautionary statements



Signal: Warning

### Hazard statement(s)

H227	Combustible Liquid
H302	Harmful if swallowed.
H402	Harmful to aquatic life

### Precautionary statement(s)

P280 Wear protective gloves/protective clothing/eye protection/face protection.

### HMIS Ratings

Health : 1, Flammability : 2, Physical Hazard : 0, Personal protection : B

### Inhalation

May be harmful if inhaled. Causes respiratory tract irritation

### **Skin**

May be harmful if absorbed through skin. Causes skin irritation.

### **Eyes**

May cause eye irritation.

### **Ingestion**

Maybe harmful if swallowed

## **3. COMPOSITION / INFORMATION INGREDIENTS**

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<b>Product Name</b>	<b>CAS NO</b>	<b>EC NO</b>	<b>Concentration</b>
L-Menthol			Greater than 70%

## **4. FIRST AID MEASURES**

### **Eye contact**

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

### **Skin contact**

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

### **Inhalation**

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

### **Ingestion**

Seek medical attention or contact local poison control center.

## **5. FIRE FIGHTING MEASURES**

### **Suitable extinguishing media**

Foam. Dry Powder. Carbon dioxide.

### **Unsuitable extinguishing media**

Solid streams of water may be ineffective.

### **Special protective equipment and precautions for fire-fighters**

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

### **Special hazards arising from the substance or its combustible products**

Hazardous decomposition products may be formed at extreme heat or if burned.

### **Resulting gases**

Carbon oxides.

## **6. ACCIDENTAL RELEASE MEASURES**

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

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

### **Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

### **Methods and materials for containment and cleaning up**

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

## **7. HANDLING AND STORAGE**

### **Precautions for safe handling**

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

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

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

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## **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

### **Eyes**

Use tightly sealed goggles.

### **Skin**

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

### **Respiratory**

In case of insufficient ventilation, wear suitable respiratory equipment.

### **Ingestion**

Not for ingestion.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	:	Colorless to pale yellow liquid.
Odor	:	Typical mint odor.
Flash point	:	87 °C
Relative density	:	0.888 - 0.908 @ 25°C
Solubility (ies)	:	Soluble in one volume of alcohol. Water solubility - < 0.5% by weight.
Refractive index	:	1.445 and 1.465 @ 20°C
Optical rotation	:	-36° to -20° @ 20°C

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## **10. STABILITY AND REACTIVITY**

### **Reactivity**

This material presents no significant reactivity hazard.

### **Chemical stability**

Chemically stable.

### **Possibility of hazardous reactions**

Hazardous polymerization will not occur.

### **Conditions to avoid**

Avoid sparks, flame and other heat sources.

### **Incompatible materials**

Strong oxidizing agents.

### **Hazardous decomposition products**

Carbon Oxides.

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## **11. TOXICOLOGICAL INFORMATION**

### **Acute toxicity**

LD50 Oral - Rat - 1,240 mg/kg

LD50 Dermal - Rabbit - > 5,000 mg/kg

## **IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

## **ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

## **Inhalation**

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

## **Skin contact**

Adverse skin effects should be prevented by normal care and personal hygiene.

## **Eye contact**

Possible irritation should be prevented by wearing safety glasses.

## **Ingestion**

Harmful if swallowed.

## **12. ECOLOGICAL INFORMATION**

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### **Ecotoxicity**

Harmful to aquatic organisms. Avoid any pollution of ground, surface or underground water.

### **Persistence and degradability**

Not available.

### **Bio - accumulative potential**

Not available.

### **Mobility in soil**

Not available.

### **Other adverse effects**

Not available.

## **13. DISPOSAL CONSIDERATION**

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Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

## **14. TRANSPORT INFORMATION**

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### **US DOT Shipping Description (Land)**

NA # - 1993

### **Proper shipping name**

Combustible Liquid , n.o.s. (Peppermint Oil)

### **Class**

None

### **Packaging group**

III

### **IMO-IMDG Shipping Description (Sea)**

Not regulated.

## **IATA Shipping Description (Air)**

Not regulated.

## **Emergency action in case of accident**

Notify police and fire department immediately

## **15. REGULATORY INFORMATION**

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### **WHMIS Classification**

B3

### **HMIS (USA)**

Health : 1, Flammability : 2, Physical Hazard : 0, Personal protection : B

### **California Proposition 65**

Contains substance identified in the revised list of the California Safe Cosmetic program SB 484 (included in Proposition 65 revised list): - Contains Pulegone

### **GHS Hazard Statements**

See section 2.

### **GHS Precautionary Statements**

See section 2.

## **16. OTHER INFORMATION**

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### **Disclaimer & Caution**

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