1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product name</th>
<th>Spearmint 65% (India) Essential Oil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Botanical name</td>
<td>Mentha spicata</td>
</tr>
<tr>
<td>INCI name</td>
<td>Mentha Spicata Herb Oil</td>
</tr>
<tr>
<td>CAS #</td>
<td>84696-51-5 /8008-79-5</td>
</tr>
<tr>
<td>Country of Origin</td>
<td>India</td>
</tr>
<tr>
<td>EINECS #</td>
<td>283-656-2</td>
</tr>
<tr>
<td>Product use</td>
<td>Domestic and Industrial</td>
</tr>
<tr>
<td>Supplier</td>
<td>New Directions Aromatics Inc.</td>
</tr>
<tr>
<td>Address</td>
<td>6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9</td>
</tr>
<tr>
<td>Fax</td>
<td>905-362-1926</td>
</tr>
<tr>
<td>Telephone number</td>
<td>905-362-1915</td>
</tr>
<tr>
<td>Emergency phone number</td>
<td>(613)-996-6666 CANUTEC 24 HOUR EMERGENCY</td>
</tr>
</tbody>
</table>

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification
Flammable liquids - Category 4
Aspiration hazard - Category 1
Skin corrosion/irritation - Category 2
Skin sensitization - Category 1
Serious eye damage/eye irritation - Category 2A
Hazardous to the aquatic environment, long-term hazard - Category 2

GHS Label elements, including precautionary statements

Signal: Danger

Hazard statement(s)

H227     Combustible liquid.
H304     May be fatal if swallowed and enters airways.
H315     Causes skin irritation.
H317     May cause an allergic skin reaction.
H319     Causes serious eye irritation.
H411     Toxic to aquatic life with long-lasting effects.
Precautionary statement(s)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264 Wash ... thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P312 Call a POISON CENTER/ doctor/if you feel unwell.
P321 Specific treatment (see section 4 on this label).
P331 Do NOT induce vomiting.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P333 If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists get medical advice/attention.
P362 Take off contaminated clothing.
P363 Wash contaminated clothing before reuse.
P370+P378 In case of fire: Use foam to extinguish.
P391 Collect spillage.
P403+P235 Store in a well ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container according to local regulations.

3. COMPOSITION / INFORMATION INGREDIENTS

<table>
<thead>
<tr>
<th>Product Name</th>
<th>CAS NO</th>
<th>EC NO</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mentha Spicata Herb Oil</td>
<td>84696-51-5 /8008-79-5</td>
<td>283-656-2</td>
<td>100 %</td>
</tr>
</tbody>
</table>

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**
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
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 formed under fire conditions.

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.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Colorless to pale yellow liquid.</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic mint odor.</td>
</tr>
<tr>
<td>Initial b.p and boiling range</td>
<td>228°C.</td>
</tr>
<tr>
<td>Flash point</td>
<td>67°C.</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.925 - 0.952 @ 20°C</td>
</tr>
<tr>
<td>Solubility (ies)</td>
<td>Soluble in alcohol and oils. Insoluble in water.</td>
</tr>
<tr>
<td>Refractive index</td>
<td>1.484 - 1.491 @ 20°C</td>
</tr>
</tbody>
</table>

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.

11. TOXICOLOGICAL INFORMATION

Acute toxicity
LD50 Oral - Rat - 5,000 mg/kg

IARC
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.

Specific target organ toxicity
Inhalation - May cause respiratory irritation.

Inhalation
May be harmful if inhaled. Causes respiratory tract irritation.

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

Eye contact
Causes eye irritation.

Ingestion
May be harmful if swallowed.

Skin corrosion
Skin - Rabbit - Skin irritation - 24 h

12. ECOLOGICAL INFORMATION

Ecotoxicity
Avoid any pollution of ground, surface or underground water.
Persistence and degradability
Not available.

Bio - accumulative potential
Not available.

Mobility in soil
Not available.

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

14. TRANSPORT INFORMATION

UN Number
3082

UN proper shipping name
Environmentally Hazardous Substance, Liquid, N.O.S (Spearmint Oil)

Transport hazard class
9

Packing group
III

US DOT Shipping Description (Land)
3082

Proper shipping name
Environmentally Hazardous Substance, Liquid, N.O.S (Spearmint Oil)

Class
9

Packaging group
III

IMO-IMDG Shipping Description (Sea)
3082

Proper shipping name
Environmentally Hazardous Substance, Liquid, N.O.S (Spearmint Oil)

Class
9

Packaging group
III

IMO-IMDG code
3082

IATA Shipping Description (Air)
3082

Proper shipping name
Environmentally Hazardous Substance, Liquid, N.O.S (Spearmint Oil)

Class
9
Packaging group
III

Emergency action in case of accident
Notify police and fire department immediately

15. REGULATORY INFORMATION

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 Myrcene, Pulegone

GHS Hazard Statements
See section 2.

GHS Precautionary Statements
See section 2.

16. OTHER INFORMATION

Revision date : December 11, 2018

Disclaimer & Caution
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