1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product name</th>
<th>Safflower - High Oleic Organic Carrier Oil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Botanical name</td>
<td>Carthamus tinctorius</td>
</tr>
<tr>
<td>INCI name</td>
<td>Carthamus Tinctorius Seed Oil</td>
</tr>
<tr>
<td>CAS #</td>
<td>8001-23-8</td>
</tr>
<tr>
<td>Country of Origin</td>
<td>Mexico</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**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29CFR1910.1200).

**GHS Label elements, including precautionary statements**

Signal: Not applicable

**Hazard statement(s)**

Not applicable.

**Precautionary statement(s)**

Not applicable.

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>Carthamus Tinctorius Seed Oil</td>
<td>8001-23-8</td>
<td>232-276-5</td>
<td>100 %</td>
</tr>
</tbody>
</table>

NOTE: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29CFR1910.1200).

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

Unsuitable extinguishing media
Water spray, water jet.

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
This material is liquid, point of flame 220ºC In case of fire, surround the area with earth and choke the flame with CO2 and / or foam, don't use water in open deposits. This material forms oil clouds or fogs.

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

Eyes
Use tightly sealed goggles. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lens or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be available

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>Pale yellow to yellow liquid.</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic odor.</td>
</tr>
<tr>
<td>Flash point</td>
<td>255 °C</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.90 - 0.92 @ 20°C.</td>
</tr>
<tr>
<td>Solubility (ies)</td>
<td>Insoluble in water.</td>
</tr>
<tr>
<td>Refractive index</td>
<td>1.460 - 1.464</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

Carcinogenicity
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, IARC, OSHA, or NTP

Teratogenicity
Not available.

Mutagenicity
Not available.

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.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Avoid any pollution of ground, surface or underground water.

Persistence and degradability
This product is biodegradable.

Bio - accumulative potential
Not available.

Mobility in soil
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

US DOT Shipping Description (Land)
Not regulated.

IMO-IMDG Shipping Description (Sea)
Not regulated.

IATA Shipping Description (Air)
Not regulated.

15. REGULATORY INFORMATION

GHS Hazard Statements
Not available.

GHS Precautionary Statements
Not available

16. OTHER INFORMATION

Revision date : August 3, 2018

Disclaimer & Caution

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