1. PRODUCT AND COMPANY IDENTIFICATION

- **Product name**: Sunflower Botanical Extract
- **Botanical name**: Helianthus annuus L.
- **CAS #**: 84776-03-4
- **Country of Origin**: China
- **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**
    - Serious eye damage/eye irritation - Category 2B

  - **GHS Label elements, including precautionary statements**
    - **Signal**: Not applicable
    - **Hazard statement(s)**
      - H320 Causes eye irritation.
    - **Precautionary statement(s)**
      - P260 Do not breathe dust/fumes/gas/mist/vapours/spray.
      - P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

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>Sunflower Extract</td>
<td>-</td>
<td>-</td>
<td>100 %</td>
</tr>
</tbody>
</table>

No harmful ingredients are present.

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**
Rinse mouth with water and consult a physician immediately. Do not induce vomiting.

### 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media**

**Unsuitable extinguishing media**

**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.

### 6. ACCIDENTAL RELEASE MEASURES

**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**
Avoid generation and spreading of dust. 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**
Use exhaust ventilation, if required, to maintain dust concentration.

**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>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Fine brownish yellow powder.</td>
</tr>
<tr>
<td>Odor</td>
<td>Botanical odor.</td>
</tr>
<tr>
<td>Solubility</td>
<td>Good solubility in water.</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY
Chemical stability
Chemically stable.

Conditions to avoid
Humidity, sunshine, high-temp.

Incompatible materials
Acidic, alkaline substance

11. TOXICOLOGICAL INFORMATION

Inhalation
May cause mild irritation.

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

Eye contact
May irritate eyes.

12. ECOLOGICAL INFORMATION

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

Persistence and degradability
Product is expected to be biodegradable.

Bio-accumulative potential
Not determined.

Mobility in soil
Not determined.

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
Refer to Section 2.

GHS Precautionary Statements
Refer to Section 2.

16. OTHER INFORMATION

Revision date: July 6, 2018
Disclaimer & Caution

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