1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Chrysanthemum Botanical Extract  
Botanical name: Chrysanthemum morifolium  
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/fume/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>Chlorogenic Acid</td>
<td>327-97-9</td>
<td>206-325-6</td>
<td>N/A</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 extinguishing media that are suitable for the surrounding combustible materials.

**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.

**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**
To prevent the formation of dust, avoid dry sweeping, use vacuum or cleaning systems with water spray.

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**
Store in a cool and dry location. Spilled material (both wet and dry) may cause slippery conditions. Care should be exercised when walking on spills.

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 brown to dark brown powder.</td>
</tr>
<tr>
<td>Odor</td>
<td>Faint botanical odor.</td>
</tr>
<tr>
<td>Solubility (ies)</td>
<td>Good solubility in water and alcohol solution</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
Humidity, sunshine and high temperature.

Incompatible materials
Acid and alkaline.

11. TOXICOLOGICAL INFORMATION

Acute toxicity
Not available.

Respiratory or skin sensitization
Prolonged exposure to dust can cause respiratory effects.

Inhalation
May cause mild irritation.

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

Eye contact
Eye contact may cause irritation.

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.

Other adverse effects
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

US DOT Shipping Description (Land)
Not regulated

IMO-IMDG Shipping Description (Sea)
15. REGULATORY INFORMATION

GHS Hazard Statements
See Section 2.

GHS Precautionary Statements
See Section 2.

16. OTHER INFORMATION

Revision date : November 26, 2019

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