1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th><strong>Product name</strong></th>
<th>Horse Chestnut Botanical Extract</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Botanical name</strong></td>
<td>Aesculus hippocastanum</td>
</tr>
<tr>
<td><strong>CAS #</strong></td>
<td>8053-39-2</td>
</tr>
<tr>
<td><strong>Country of Origin</strong></td>
<td>China</td>
</tr>
<tr>
<td><strong>EINECS #</strong></td>
<td>232-497-7</td>
</tr>
<tr>
<td><strong>Product use</strong></td>
<td>Domestic and Industrial</td>
</tr>
<tr>
<td><strong>Supplier</strong></td>
<td>New Directions Aromatics Inc.</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9</td>
</tr>
<tr>
<td><strong>Fax</strong></td>
<td>905-362-1926</td>
</tr>
<tr>
<td><strong>Telephone number</strong></td>
<td>905-362-1915</td>
</tr>
<tr>
<td><strong>Emergency phone number</strong></td>
<td>(613)-996-6666 CANUTEC 24 HOUR EMERGENCY</td>
</tr>
</tbody>
</table>

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

3. COMPOSITION / INFORMATION INGREDIENTS

<table>
<thead>
<tr>
<th><strong>Product Name</strong></th>
<th><strong>CAS NO</strong></th>
<th><strong>EC NO</strong></th>
<th><strong>Concentration</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Horse Chestnut Extract</td>
<td>-</td>
<td>-</td>
<td>100 %</td>
</tr>
</tbody>
</table>

No hazardous ingredients 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**
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**
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)
Not regulated

IATA Shipping Description (Air)
Not regulated

15. REGULATORY INFORMATION

GHS Hazard Statements
See Section 2.

GHS Precautionary Statements
See Section 2.

16. OTHER INFORMATION

Revision date : July 6, 2018

Disclaimer & Caution
Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. New Directions Aromatics Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of New Directions Aromatics Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. New Directions Aromatics Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agree that Jurisdiction is limited to the province of Ontario.