1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Pineapple Powder Fruit Extract
Botanical name: Ananas Comosus
INCI name: Ananas Comosus fruit extract
Country of Origin: India
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
Not a hazardous substance according to Regulation (EC ) NO 1272/200.

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>Pineapple Powder</td>
<td>-</td>
<td>-</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**
Water spray, water jet, foam, dry powder, 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 may be formed at extreme heat or if burned.

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 with a wet absorbent material. 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

**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>Bright yellow to yellow colored free flowing powder.</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight pineapple odor.</td>
</tr>
<tr>
<td>Solubility (ies)</td>
<td>Partially soluble in water.</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>&gt; 60 °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.

11. TOXICOLOGICAL INFORMATION

Acute toxicity
Oral Rat LD50 (rat) >2000mg /kg.

Inhalation
Inhalation of high concentrations of dust may result in irritation of eyes, nose and throat.

Eye contact
Possible irritation should be prevented by wearing safety glasses.

12. ECOLOGICAL INFORMATION

Persistence and degradability
Product is biodegradable.

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

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 : July 5, 2018
Disclaimer & Caution

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