1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Jasmine Fragrance Oil  
Country of Origin: USA  
Product use: Fragrance  
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

Skin corrosion / irritation - Category 2  
Serious eye damage/eye irritation - Category 2/2A  
Hazardous to the aquatic environment - Chronic Category 3  
Hazardous to the aquatic environment - Acute Category 3

GHS Label elements, including precautionary statements

Signal: Warning

Hazard statement(s)

H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H402 Harmful to aquatic life.  
H412 Harmful to aquatic life with long-lasting effects.

Precautionary statement(s)

P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
P308+P313 If exposed: Call a POISON CENTER or doctor/physician.
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>Cyclopentaneacetic acid, 3-oxo-2-pentyl-, methyl ester</td>
<td>24851-98-7</td>
<td>-</td>
<td>7 - 15 %</td>
</tr>
<tr>
<td>Acetic acid, phenylmethyl ester</td>
<td>140-11-4</td>
<td>-</td>
<td>7 - 15 %</td>
</tr>
<tr>
<td>1,6-Octadien-3-ol, 3,7-dimethyl-, 3-acetate</td>
<td>115-95-7</td>
<td>-</td>
<td>7 - 15 %</td>
</tr>
<tr>
<td>Octanal, 2-(phenylmethylene)-</td>
<td>101-86-0</td>
<td>-</td>
<td>5 - 10 %</td>
</tr>
<tr>
<td>1,6-Octadien-3-ol, 3,7-dimethyl-</td>
<td>78-70-6</td>
<td>-</td>
<td>1 - 5 %</td>
</tr>
<tr>
<td>Benzyl alcohol</td>
<td>100-51-6</td>
<td>-</td>
<td>0.5 - 1.5 %</td>
</tr>
<tr>
<td>Benzoic acid, 2-hydroxy-, phenylmethyl ester</td>
<td>118-58-1</td>
<td>-</td>
<td>0.5 - 1.5 %</td>
</tr>
<tr>
<td>2,6-Octadien-1-ol, 3,7-dimethyl-, 1-acetate, (2E)-</td>
<td>105-87-3</td>
<td>-</td>
<td>0.1 - 1 %</td>
</tr>
<tr>
<td>Oils, clary sage</td>
<td>8016-63-5</td>
<td>-</td>
<td>0.1 - 1 %</td>
</tr>
<tr>
<td>Heptanal, 2-(phenylmethylene)-</td>
<td>122-40-7</td>
<td>-</td>
<td>0.1 - 1 %</td>
</tr>
<tr>
<td>2,6-Octadien-1-ol, 3,7-dimethyl-, (2E)-</td>
<td>106-24-1</td>
<td>-</td>
<td>0.1 - 1 %</td>
</tr>
</tbody>
</table>

NOTE:
The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret is required.

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**
This material does not present any hazard. 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 alcohol resistant foam, carbon dioxide, dry chemical, or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the fire.

**Unsuitable extinguishing media**
Do not use a water stream directly in the burning liquid.
Special protective equipment and precautions for fire-fighters
Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Use water spray/fog for cooling. Use methods for the surrounding fire. Flammable component(s) of this material may be lighter than water and burn while floating on the surface.

Special hazards arising from the substance or its combustible products
Hazardous decomposition products may be formed at extreme heat or if burned.

Resulting gases
Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.
No health affects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this SDS.

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
Mildly irritating material. Avoid unnecessary exposure. 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
Store in a cool dry place. Isolate from incompatible materials.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls
No exposure limits exist for the constituents of this product. No engineering controls are likely to be required to maintain operator comfort under normal conditions of use.

Eyes
Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.

Skin
Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Respiratory
No respiratory protection required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Clear colorless to pale yellow liquid.
Odor : Characteristic odor.
Melting Point/Freezing Point : -51°C
Initial b.p and boiling range: 110 °C
Flash point: Greater than 93.33 °C
Relative density: 0.939 to 0.949 @ 25°C
Solubility (ies): Insoluble in water.
Auto-ignition temperature: 259 °C
Decomposition temperature: 335 °C
Refractive index: 1.457 to 1.472 @ 25°C

10. STABILITY AND REACTIVITY

Reactivity
This material presents no significant reactivity hazard.

Chemical stability
Chemically stable.

Conditions to avoid
Avoid sparks, flame and other heat sources.

Incompatible materials
Strong oxidizing agents.

Hazardous decomposition products
Carbon Oxides.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity
None of the substances have been shown to cause cancer in long term animal studies.

IARC
Not a carcinogen according to IARC.

NTP
Not a carcinogen according to NTP.

OSHA
Not a carcinogen according to OSHA.

Mutagenicity
No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Reproductive toxicity
No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

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
Harmful to aquatic organisms. Avoid any pollution of ground, surface or underground water.

Persistence and degradability
Bio - accumulative potential
Not available.

Mobility in soil
Not available.

Other adverse effects
This material is not expected to be harmful to the ecology.

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
TSCA
All components of this product are listed on the TSCA Chemical Substances Incentory or are exempt.

SARA 313
No 313-listed chemicals in this product

GHS Hazard Statements
Please refer to section 2.

GHS Precautionary Statements
Please refer to section 2.

16. OTHER INFORMATION
Revision date : March 22, 2018

Disclaimer & Caution
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