

## 1. PRODUCT AND COMPANY IDENTIFICATION

|                        |   |  |
|------------------------|---|--|
| Product name           | : | Violet Fragrance Oil                                     |
| Country of Origin      | : | USA  |
| 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 1

Skin Sensitization - Category 1

Skin Corrosion/Irritation - Category 2

Reproductive Toxicity - Category 2

Hazardous to the aquatic environment - Acute Category 2

Hazardous to the aquatic environment - Chronic Category 2

### GHS Label elements, including precautionary statements

Signal: Danger

### Hazard statement(s)

|      |  |
|------|--|
| H315 | Causes skin irritation.                              |
| H317 | May cause an allergic skin reaction.                 |
| H319 | Causes serious eye irritation.                       |
| H361 | Suspected of damaging fertility or the unborn child. |
| H401 | Toxic to aquatic life.                               |
| H411 | Toxic to aquatic life with long-lasting effects.     |

### Precautionary statement(s)

|      |  |
|------|--|
| P201 | Obtain special instructions before use.  |
| P202 | Do not handle until all safety precautions have been read and understood.                      |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P264 | Wash hands thoroughly after handling.  |

|                |  |
|----------------|--|
| P272           | Contaminated work clothing should not be allowed out of the workplace.   |
| P273           | Avoid release to the environment.  |
| 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.  |
| P332+P313      | If skin irritation occurs: Get medical advice/attention.   |
| P333+P313      | If skin irritation or a rash occurs: Get medical advice/attention.   |
| P337+P313      | If eye irritation persists get medical advice/attention.   |
| P363           | Wash contaminated clothing before reuse.   |
| P391           | Collect spillage.  |
| P405           | Store locked up.   |
| P501           | Dispose of contents and container in accordance with local, regional, national and/or international regulation for hazardous wastes. |

### 3. COMPOSITION / INFORMATION INGREDIENTS

| Product Name  | CAS NO     | EC NO | Concentration |
|---|------------|-------|---------------|
| Acetic acid, phenylmethyl ester   | 140-11-4   | -     | 5 - 10 %      |
| Octanal, 2-(phenylmethylene)-   | 101-86-0   | -     | 5 - 10 %      |
| 2-Phenylethanol   | 60-12-8    | -     | 3 - 7 %       |
| Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl- | 1222-05-5  | -     | 3 - 7 %       |
| Benzenepropanal, 4-(1,1-dimethylthyl)-.alpha.-methyl-                     | 80-54-6    | -     | 3 - 7 %       |
| 1,6-Octadien-3-ol, 3,7-dimethyl-, 3-acetate                               | 115-95-7   | -     | 1 - 5 %       |
| Benzoic acid, 2-hydroxy-, pentyl ester                                    | 2050-08-0  | -     | 1 - 5 %       |
| 3-Cyclohexene-1-methanol, .alpha.,.alpha.,4-trimethyl-                    | 98-55-5    | -     | 1 - 5 %       |
| 2,6-Octadien-1-ol, 3,7-dimethyl-, (2E)-                                   | 106-24-1   | -     | 1 - 5 %       |
| Ionone, methyl-   | 1335-46-2  | -     | 1 - 5 %       |
| 3-Cyclohexene-1-carboxaldehyde, 4-(4-hydroxy-4- methylpentyl)-            | 31906-04-4 | -     | 0.5 - 1.5 %   |
| Acetic acid, 2-phenylethyl ester  | 103-45-7   | -     | 0.5 - 1.5 %   |
| 2H-1-Benzopyran-2-one   | 91-64-5    | -     | 0.1 - 1 %     |
| 2-Nonynoic acid, methyl ester   | 111-80-8   | -     | 0.1 - 1 %     |

#### 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

Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. Eyes: Immediately

flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.

#### **Skin contact**

Wash with soap and water. Get medical attention if irritation develops or persists.

#### **Inhalation**

Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Provide medical care provider with this SDS. Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis.

#### **Ingestion**

No additional first aid information available.

### **5. FIRE FIGHTING MEASURES**

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#### **Suitable extinguishing media**

Alcohol resistant foam, carbon dioxide, dry chemical, or water spray.

#### **Unsuitable extinguishing media**

Do not direct a water stream directly into the hot 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 methods for the surrounding fire.

#### **Resulting gases**

Carbon Oxides, Carbon dioxide, Carbon monoxide.

### **6. ACCIDENTAL RELEASE MEASURES**

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#### **Personal precautions, protective equipment and emergency procedures.**

No health affects expected from the clean-up of this material if contact can be avoided.

#### **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**

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#### **Precautions for safe handling**

Mildly irritating material. Avoid unnecessary exposure. As with all chemicals, good industrial hygiene practices should be followed when handling this material. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous.

#### **Conditions for safe storage, including any incompatibilities**

Store in a cool dry place. Isolate from incompatible materials. Limit quantity of material stored. Store in a tightly closed container.

### **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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#### **Exposure controls**

No exposure limits exist for the constituents of this product. General room ventilation might be required to maintain operator comfort under normal conditions of use. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910.

## Eyes

Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. 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.

## Respiratory

No respiratory protection required under normal conditions of use. Provide general room exhaust ventilation if symptoms of overexposure occurs.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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|                  |   |  |
|------------------|---|--|
| Appearance       | : | Very pale yellow clear liquid.                   |
| Odor             | : | Characteristic odor.                             |
| Flash point      | : | >93.33°C   |
| Relative density | : | 0.952 to 0.962 @ 25 °C                           |
| Solubility (ies) | : | Soluble in alcohol and oils. Insoluble in water. |
| Refractive index | : | 1.477 to 1.493 @25 °C                            |

## 10. STABILITY AND REACTIVITY

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### Chemical stability

Stable under normal conditions.

### Conditions to avoid

Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Contamination Elevated temperatures Direct sources of heat. Heat sparks open flames.

### Incompatible materials

Strong oxidizing agents, Acids Bases, Reducing agents, Strong bases, Acid chlorides, Acid anhydrides, Oxidizing mineral acids, Strong reducing agents.

### Hazardous decomposition products

Carbon oxides, carbon dioxide, carbon monoxide.

## 11. TOXICOLOGICAL INFORMATION

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### Acute toxicity

No chemical interaction known to affect toxicity.

### 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. Possible reproductive hazard.

**Inhalation**

Upon prolonged and/or repeated exposure, can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.

**Skin contact**

Upon prolonged or repeated exposure, no hazard in normal industrial use.

**Eye contact**

Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in tearing and reddening, but not likely to permanently injure eye tissue. Temporary vision impairment (cloudy or blurred vision) is possible.

**Ingestion**

Harmful if swallowed. Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis

**Skin corrosion**

Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.

**12. ECOLOGICAL INFORMATION**

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**Ecotoxicity**

Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.

**Other adverse effects**

This material is not expected to be harmful to the ecology.

**13. DISPOSAL CONSIDERATION**

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Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

**14. TRANSPORT INFORMATION**

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**UN Number**

Not regulated.

**US DOT Shipping Description (Land)**

Not regulated.

**IMO-IMDG Shipping Description (Sea)**

Not regulated.

**IATA Shipping Description (Air)**

Not regulated.

**15. REGULATORY INFORMATION**

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**TSCA**

All components in this product are on the TSCA Inventory.

**SARA 313**

No 313-listed chemicals in this product.

**California Proposition 65**

- This product can expose you to beta-Myrcene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## **GHS Hazard Statements**

Please refer to section 2.

## **GHS Precautionary Statements**

Please refer to section 2.

## **16. OTHER INFORMATION**

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### **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. is limited to the value of the goods and does not include any consequential loss. 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, Canada.