

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Musk 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 Sensitization - Category 1

Serious Eye Damage/Eye Irritation - Category 2A

### GHS Label elements, including precautionary statements



Signal: Warning

### Hazard statement(s)

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

### Precautionary statement(s)

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P264 Wash 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.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.

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
Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-	1222-05-5	-	10 - 30 %
Cyclohexanol, 3-(5,5,6-trimethylbicyclo[2.2.1]hept-2-yl)-	3407-42-9	-	1 - 5 %
Benzoic acid, 2-hydroxy-, phenylmethyl ester	118-58-1	-	1 - 5 %
1,4-Dioxacycloheptadecane-5,17-dione	105-95-3	-	1 - 5 %
3-Cyclopentene-1-butanol, .alpha.,.beta.,2,2,3-pentamethyl-	65113-99-7	-	0.5 - 1.5 %
2,6-Octadien-1-ol, 3,7-dimethyl-, (2E)-	106-24-1	-	0.1 - 1 %
6-Octen-1-ol, 3,7-dimethyl-	106-22-9	-	0.1 - 1 %
Benzenepropanal, 4-(1,1-dimethylthyl)-.alpha.-methyl-	80-54-6	-	0.1 - 1 %
Octanal, 7-hydroxy-3,7-dimethyl-	107-75-5	-	0.1 - 1 %
2,6-Octadien-1-ol, 3,7-dimethyl-, 1-acetate, (2E)-	105-87-3	-	0.1 - 1 %
Ethanone, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)-	54464-57-2	-	0.1 - 1 %
Ethanone, 1-[(3R,3aR,7R,8aS)-2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl]	32388-55-9	-	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

Immediately flush eyes with plenty of cool water for at least 20 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 a hazard if inhaled. Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.

#### Ingestion

No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.

## 5. FIRE FIGHTING MEASURES

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### Suitable extinguishing media

Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires.

### Unsuitable extinguishing media

Do Not direct a stream of water into the hot burning liquid.

### Special protective equipment and precautions for fire-fighters

The material is combustible at elevated temperatures. 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

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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. 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

No special spill clean-up considerations. Collect and discard in regular trash.

## 7. HANDLING AND STORAGE

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### Precautions for safe handling

Mildly irritating material. Avoid unnecessary exposure. 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

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### 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

Use tightly sealed goggles.

### Skin

Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene. 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.

### Ingestion

Not for ingestion.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	Clear liquid.
Odor	:	Characteristic odor.
Flash point	:	>93.33°C

Relative density	:	0.934 to 0.944 @ 25 °C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.455 to 1.470 @ 25 °C

## 10. STABILITY AND REACTIVITY

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### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

Hazardous polymerization will not occur.

### Conditions to avoid

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

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition products

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

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### 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.

### Signs & symptoms of exposure

### 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.

## 12. ECOLOGICAL INFORMATION

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### Ecotoxicity

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

### Persistence and degradability

Not available.

## 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.

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**15. REGULATORY INFORMATION**

**California Proposition 65**

We hereby declare that, to the best of our knowledge, this product does not contain any substance(s) that are listed in the California Proposition 65.

**GHS Hazard Statements**

Please refer to section 2.

**GHS Precautionary Statements**

Please refer to section 2.

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**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.