

## 1. PRODUCT AND COMPANY IDENTIFICATION

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|                        |   |  |
|------------------------|---|--|
| Product name           | : | Oak Barrel Cider Type Fragrance Oil                      |
| Synonyms               | : | Oak Barrel Cider Type Fragrance Oil (Phthalate Free)     |
| 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

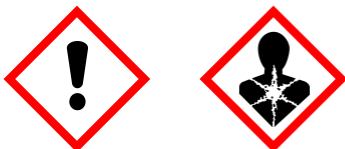
Skin Sensitization - Category 1

Specific Target Organ Systemic Toxicity - Single Exposure Category 2

Hazardous to the aquatic environment - Acute Category 2

Hazardous to the aquatic environment - Chronic Category 3

### GHS Label elements, including precautionary statements



Signal: Warning

### Hazard statement(s)

|      |  |
|------|--|
| H317 | May cause an allergic skin reaction.               |
| H371 | May cause damage to organs.                        |
| H401 | Toxic to aquatic life.                             |
| H412 | Harmful to aquatic life with long lasting effects. |

### Precautionary statement(s)

|           |  |
|-----------|--|
| P260      | Do not breathe dust, fumes, gas, mist, vapours or spray.               |
| P270      | Do not eat, drink or smoke when using this product.                    |
| P272      | Contaminated work clothing should not be allowed out of the workplace. |
| P273      | Avoid release to the environment.                                      |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water.                        |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention.       |

|           |  |
|-----------|--|
| P332+P313 | If eye irritation persists: Get medical advice/attention.  |
| P280      | Wear protective gloves, protective clothing, eye protection and/or face protection.  |
| P363      | Wash contaminated clothing before reuse.   |
| P391      | Collect spillage.  |
| P405      | Store locked up.   |
| P501      | Dispose of contents and/or container in accordance with local, regional, national and/or international regulation for hazardous wastes to assure compliance. |

### 3. COMPOSITION / INFORMATION INGREDIENTS

| Product Name                                    | CAS NO    | EC NO | Concentration |
|---|-----------|-------|---------------|
| Cyclohexanol, 2-(1,1-dimethylethyl)-, 1-acetate | 88-41-5   | -     | 10 - 30 %     |
| 2-Propenal, 2-methyl-3-phenyl-                  | 101-39-3  | -     | 5 - 10 %      |
| 2H-1-Benzopyran-2-one                           | 91-64-5   | -     | 3 - 7 %       |
| Benzenepropanol                                 | 122-97-4  | -     | 3 - 7 %       |
| Propanedioic acid, 1,3-diethyl ester            | 105-53-3  | -     | 1 - 5 %       |
| Oils, rosemary                                  | 8000-25-7 | -     | 1 - 5 %       |
| γ-Undecalactone                                 | 104-67-6  | -     | 1 - 5 %       |
| 2-Propenal, 3-phenyl-                           | 104-55-2  | -     | 1 - 5 %       |

#### 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

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.

#### 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

#### Suitable extinguishing media

Combustible at elevated temperatures.

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

Not available.

#### 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**

Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, which could potentially cause an explosion.

### **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**

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. 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**

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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**

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. Provide general room exhaust ventilation if symptoms of overexposure occur as explained Section III.

A respirator is not normally required. Follow a respiratory protection program that whenever work place conditions warrant the use of a respirator. A supplied air type respirator will be required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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|                               |   |                                     |
|-------------------------------|---|-------------------------------------|
| Appearance                    | : | Pale yellow to yellow clear liquid. |
| Odor                          | : | Characteristic odor.                |
| Initial b.p and boiling range | : | 118.9 to 121 °C                     |
| Flash point                   | : | Greater than 93.33 °C               |
| Relative density              | : | 0.970 to 0.980 @ 25 °C              |
| Solubility (ies)              | : | Insoluble in water.                 |
| Partition coefficient         | : | 8.94 @ 25 °C                        |
| Auto-ignition temperature     | : | 430 °C                              |
| Decomposition temperature     | : | 246 °C                              |
| Refractive index              | : | 1.477 to 1.492 @ 25 °C              |

## 10. STABILITY AND REACTIVITY

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### Reactivity

No data available.

### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

No data available.

### Conditions to avoid

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

### Incompatible materials

Strong oxidizing agents, Strong bases, Strong acids, Oxidizing agents, Reducing 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.

### 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.

### Inhalation

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

**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.

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**12. ECOLOGICAL INFORMATION****Ecotoxicity**

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

**Persistence and degradability**

Not available.

**Bio - accumulative potential**

Not available.

**Mobility in soil**

Not available.

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**13. DISPOSAL CONSIDERATION**

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

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**14. TRANSPORT INFORMATION****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****TSCA**

All components in this product are on the TSCA Inventory.

**SARA 313**

N590 Polycyclic aromatic compounds (PACs) - CAS# 91-64-5

**California Proposition 65**

Does not contain any chemicals listed on California Proposition 65.

**GHS Hazard Statements**

See Section 2.

**GHS Precautionary Statements**

See Section 2.

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**16. OTHER INFORMATION**

Revision date : January 30, 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. 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.