

## SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : April 22, 2022

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### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Tangerine Fragrance Oil
Country of Origin	:	Canada
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

Flammable liquids - Category 3

Acute Toxicity - Oral - Category 4

Serious eye damage/eye irritation - Category 2A

Hazardous to the aquatic environment - Acute Hazard - Category 3

#### GHS Label elements, including precautionary statements

Signal: Warning

#### Hazard statement(s)

H226	Flammable Liquid and vapour.
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H402	Harmful to aquatic life.

#### Precautionary statement(s)

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
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.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists get medical advice/attention.
P370	In case of fire: Use extinguishing media listed in Section 5 of the SDS to extinguish.
P402+P404	Store in a dry place. Store in a closed container.
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
Aldehyde C10	112-31-2	-	< 5 %

#### NOTE:

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

If dizziness is experienced, remove from exposure to fresh air. If symptoms persist, seek medical attention.

#### Ingestion

Do not Induce vomiting. Give person 1-2 Glasses of water and immediately contact your local Poison Control Centre for further information.

### 5. FIRE FIGHTING MEASURES

#### Suitable extinguishing media

Foam. Dry Powder. Carbon dioxide.

#### Unsuitable extinguishing media

Water spray, water jet.

#### 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

This item is not a combustible liquid under WHMIS regulations. However, it must always be stored sealed when not in use, away from all heat and ignition sources.

Hazardous decomposition products may be formed at extreme heat or if burned.

## Resulting gases

Carbon oxides.

## 6. ACCIDENTAL RELEASE MEASURES

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### 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, using an absorbent material to collect it. Use suitable disposal containers.

## 7. HANDLING AND STORAGE

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### 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

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### Eyes

Use splash goggles or face shield at all times when handling chemicals.

### Skin

Chemically resistant latex rubber gloves are recommended at all times when handling flavour/fragrance chemicals.

### Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	Clear liquid, medium to dark amber orange color.
Odor	:	Characteristic citrus orange-type odor.
Flash point	:	50-60°C
Relative density	:	0.824 to 0.874 @ 20 °C
Solubility (ies)	:	Insoluble in water.
Refractive index	:	1.445 to 1.495 @ 20 °C

## 10. STABILITY AND REACTIVITY

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### 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.

### **Incompatible materials**

Strong oxidizing agents.

### **Hazardous decomposition products**

Carbon Oxides.

## **11. TOXICOLOGICAL INFORMATION**

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### **Acute toxicity**

LD50 [Oral]: 3096 mg/kg (rat)

LD50 [Dermal]: 4183 mg/kg (rabbit)

### **Inhalation**

Exposure could cause slight lung and/or mucous membrane irritation if safety precautions are not strictly followed. No adverse effects are anticipated if proper local and ambient ventilation is used at all times when handling chemicals.

### **Skin contact**

May cause mild eczema or allergic erythema if safety precautions are not strictly followed.

### **Eye contact**

Moderate to severe corneal irritation and conjunctivitis will occur if safety precautions are not strictly followed. Acute contact may cause severe pain and mild transient irritation of the corneal epithelium.

### **Ingestion**

Acute or chronic ingestion should not occur at anytime. Acute ingestion could result in abdominal pain, nausea, vomiting and diarrhea.

### **Skin corrosion**

Chronic exposure without exercising proper safety precautions may result in moderate edema, erythema, and possible allergic dermatitis.

### **Serious eye damage**

Chronic exposure to vapours or to product without approved safety glasses or splash goggles may increase the risk of corneal and conjunctival injury.

## **12. ECOLOGICAL INFORMATION**

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### **Ecotoxicity**

The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

### **Persistence and degradability**

Not available.

### **Bio - accumulative potential**

Not available.

### **Mobility in soil**

Not available.

### **Other adverse effects**

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**

1266

**UN proper shipping name**

Perfumery products with flammable solvents

**Transport hazard class**

3

**Packing group**

III

**US DOT Shipping Description (Land)**

1266

**Proper shipping name**

Perfumery products with flammable solvents

**Class**

3

**Packaging group**

III

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

1266

**Proper shipping name**

Perfumery products with flammable solvents

**Class**

3

**Packaging group**

III

**IMDG-Marine pollution**

Yes.

**IATA Shipping Description (Air)**

1266

**Proper shipping name**

Perfumery products with flammable solvents

**Class**

3

**Packaging group**

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## 15. REGULATORY INFORMATION

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**DSL / NDSL**

No additional information available.

**TSCA**

Aldehyde C10 (CAS# 112-31-2) is listed on the United States Toxic Substances Control Act inventory.

**California Proposition 65**

It does not contain any contaminants or by products known to the State of California to cause cancer or

reproductive toxicity as listed under Proposition 65 .

### **GHS Hazard Statements**

Please see Section 2.

### **GHS Precautionary Statements**

Please see 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.