

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

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

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

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

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

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

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

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

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

14. TRANSPORT INFORMATION

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

III

15. REGULATORY INFORMATION

DSL / NDSL

No additional information available.

TSCA

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

GHS Hazard Statements

Please see Section 2.

GHS Precautionary Statements

Please see Section 2.

16. OTHER INFORMATION

Revision date : April 20, 2018

Disclaimer & Caution

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