

**SAFETY DATA SHEET (SDS)**

Version 2.0

Revision Date : June 13, 2023

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**1. PRODUCT AND COMPANY IDENTIFICATION**

Product name	:	Tangerine Essential Oil
Botanical name	:	Citrus reticulata blanco
INCI name	:	Citrus Reticulata Peel Oil
CAS #	:	8016-85-1
Country of Origin	:	USA
EINECS #	:	
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**

Flammable Liquid - Category 3

Aspiration Toxicity- Category 1

Skin Irritation - Category 2

Skin Sensitization - Category 1

Carcinogenicity - Category 2

Aquatic Hazard, long term - Category 1

**GHS Label elements, including precautionary statements**



Signal: Danger

**Hazard statement(s)**

H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H351	Suspected of causing cancer
H400	Very toxic to aquatic life
H410	Very 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.
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.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
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.
P281	Use personal protective equipment as required.
P321	Specific treatment (see ... on this label).
P331	Do NOT induce vomiting.
P362	Take off contaminated clothing.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/container to ...
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/
P302+P352	IF ON SKIN: Wash with plenty of water/
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
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.
P370+P378	In case of fire: Use ... to extinguish.
P403+P235	Store in a well ventilated place. Keep cool.

### **3. COMPOSITION / INFORMATION INGREDIENTS**

<b>Product Name</b>	<b>CAS NO</b>	<b>EC NO</b>	<b>Concentration</b>
Citrus Reticulata Peel Oil	8016-85-1	297-672-2	100 %

## 4. FIRST AID MEASURES

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### **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 inhaled, removed to fresh air. Get medical attention if symptoms appear.

### **Ingestion**

Rinse mouth and seek medical attention.

## 5. FIRE FIGHTING MEASURES

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### **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**

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.**

Respiratory protection equipment may be necessary. Avoid all contact with eyes and mucous.

### **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**

Avoid all contact with eyes and mucous. Handle in accordance with good industrial hygiene and safety procedures.

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

Maintain the packaging well closed, in a cool place, dry and protected from extreme temperatures. Maintain the area ventilated.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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### **Eyes**

Goggles giving complete protection to eyes. Eyewash bottle with clean water.

### **Skin**

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

### **Respiratory**

In case of insufficient ventilation, wear suitable respiratory equipment.

### **Ingestion**

Do not eat, drink or smoke while using.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance	:	Pale Orange to reddish liquid.
Odor	:	Fresh orange mandarin odor.
Flash point	:	54°C
Relative density	:	:0.843 to 0.854 @ 20°C
Solubility (ies)	:	Insoluble in water.
Refractive index	:	1.4720 to 1.4760 @ 20°C
Optical rotation	:	+88° to +96° @ 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**

Strongly oxidizing and reducing agents.

### **Hazardous decomposition products**

Not determined

## **11. TOXICOLOGICAL INFORMATION**

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### **Chronic toxicity**

May cause allergic reactions on skin.

### **Respiratory or skin sensitization**

May cause an allergic skin reaction.

### **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.

### **Ingestion**

Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting

## 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.

### **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**

1197

### **UN proper shipping name**

Extracts, liquid

### **Transport hazard class**

3

### **Packing group**

III

### **US DOT Shipping Description (Land)**

1197

### **Proper shipping name**

Extracts, liquid

### **Class**

3

### **Packaging group**

III

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

1197

### **Proper shipping name**

Extracts, liquid

### **Class**

3

### **Packaging group**

III

### **IATA Shipping Description (Air)**

1197

**Proper shipping name**

Extracts, liquid

**Class**

3

**Packaging group**

III

**15. REGULATORY INFORMATION**

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**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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Revision date : June 13, 2023

**Disclaimer & Caution**

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