

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Grapefruit Pink Organic Essential Oil
Botanical name	:	Citrus paradisi
INCI name	:	Citrus Paradisi Peel Oil
CAS #	:	8016-20-4
Country of Origin	:	Italy
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 , H226  
Aspiration Hazard , category 1 , H304  
Skin irritation/corrosion , category 2 , H315  
Skin sensitization , category 1 , H317  
Aquatic Acute hazard , category 1 , H400  
Aquatic Chronic hazard, category 2, H411

### GHS Label elements, including precautionary statements

Signal: Danger

### Hazard statement(s)

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life
H411	Toxic to aquatic life with long-lasting effects

### 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.
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.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P313	Get medical advice/attention.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing.
P370+P378	In case of fire: Use ... to extinguish.
P391	Collect spillage.
P403+P235	Store in a well ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container according to local regulations.

### 3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
D-Limonene	5989-27-5	227-813-5	< 97.0 %
α-Pinene	80-56-8	201-291-9	< 1.0%
Myrcene	123-35-3	204-622-5	< 2.5 %
Decanal	112-31-2	203-957-4	< 2.0 %
Linalool	78-70-6	201-134-4	< 1.0 %

### 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

Take off clothing and wash immediately with soapy water. Seek medical advice if irritation persists if there is any sign of skin

#### Inhalation

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

#### Ingestion

Wash mouth out with water and immediately obtain medical advice. DO NOT INDUCE VOMITING !

### 5. FIRE FIGHTING MEASURES

#### Suitable extinguishing media

Use carbon dioxide , dry chemical , foam . Spray to base of flames

### **Unsuitable extinguishing media**

Use water spray or fog. Cool containers with a water jet to prevent pressure build up, autoignition or explosion.

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

Standard procedure for chemical fires. Spray extinguishing media to base of flames. Wear protective clothing. Avoid inhalation of vapours. Wear suitable respiratory equipment . In case of ignition , cool the endangered containers .

### **Special hazards arising from the substance or its combustible products**

Vapour may form an explosive mixture with air. In case of fire, Carbon monoxide , Carbon dioxide, smoke and soot may be liberated.

### **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**

To be stored in tightly closed containers, preferably under an inert atmosphere (e.g. nitrogen) with minimum head space protected from daylight. Store in a dry, aerated place (between 0 - 25°C) away from heat and ignition sources.

## **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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### **Eyes**

Use tightly sealed goggles.

### **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**

Not for ingestion.

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

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Appearance	:	yellow to reddish liquid.
Odor	:	Characteristic odor.
Initial b.p and boiling range	:	176.00 °C. @ 760.00 mm Hg

Flash point	:	46°C
Evaporation rate	:	< 1
Vapor pressure	:	0.95 mm/Hg @ 25.00 °C
Relative density	:	0.83 - 0.86 @ 25 °C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.

## 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

Acute Dermal Toxicity LD50 [Rat] : >2000 mg/kg

Acute Oral Toxicity LD50 [Rat] : >5000 mg/kg

Acute Inhalation LD50 [Rat] : >5000 mg/k

### Respiratory or skin sensitization

May cause an allergic skin reaction (H317)

### 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

### Skin corrosion

Causes skin irritation ( H315 )

### Aspiration hazard

May be fatal if swallowed and enters airways (H304)

## 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**

To be considered as readily biodegradable based on its ready biodegradability. Oil does not fulfil the criteria for persistence.

### **Bio - accumulative potential**

H410 very toxic to aquatic life with long lasting effects.

### **Mobility in soil**

Considered as a readily biodegradable NCS. Based on the ready biodegradability of the NCS, simulation tests in surface water, sediment and soil are not required in accordance with column2 of REACH Annex IX.

### **Other adverse effects**

Do not discharge into the environment especially not into waterways, sewers and the sea.

## **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 for flavour or aroma

### **Transport hazard class**

3

### **Packing group**

III

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

1197

### **Proper shipping name**

EXTRACTS, LIQUID for flavour or aroma

### **Class**

3

### **Packaging group**

III

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

1197

### **Proper shipping name**

EXTRACTS, LIQUID for flavour or aroma

### **Class**

3

### **Packaging group**

III

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

1197

### **Proper shipping name**

EXTRACTS, LIQUID for flavour or aroma

**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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**Disclaimer & Caution**

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