

**1. PRODUCT AND COMPANY IDENTIFICATION**

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Product name	:	Grapefruit Seed Extract
INCI name	:	Citrus grandis (grapefruit) seed extract (and) Glycerin
CAS #	:	90045-43-5
Country of Origin	:	USA
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****WHMIS Classification**

Not a WHMIS controlled product.

**GHS Classification**

Not applicable.

**GHS Label elements, including precautionary statements**

Signal: Not applicable.

**Hazard statement(s)**

Not applicable.

**Precautionary statement(s)**

Not applicable.

**HMIS Ratings**

Health : 0, Flammability : 1, Physical Hazard : 0,

**Skin**

May be harmful if absorbed through skin. Causes skin irritation.

**Eyes**

May causes eye irritation

**Ingestion**

May be harmful if swallowed.

**3. COMPOSITION / INFORMATION INGREDIENTS**

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Product Name	CAS NO	EC NO	Concentration
No hazardous ingredients present.			

## 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**

Seek medical attention or contact local poison control center.

## 5. FIRE FIGHTING MEASURES

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### **Suitable extinguishing media**

Water spray, water jet, foam, dry powder, carbon dioxide.

### **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.

## 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 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	:	Viscous lemon yellow to golden brown liquid.
Odor	:	Mild odor.
pH	:	2 - 3
Flash point	:	144 °C
Relative density	:	1.15 - 1.25
Solubility (ies)	:	Soluble 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.

## **11. TOXICOLOGICAL INFORMATION**

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### **Acute toxicity**

Oral LD50: 5,000 mg/kg (white rat).

Inhalation LC50: greater than 250 mg m3 (rabbits and guinea pigs).

### **Reproductive toxicity**

No adverse effects on reproduction are known.

### **Eye contact**

Possible irritation should be prevented by wearing safety glasses.

## **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**

Easily biodegradable

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

Not regulated

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

Not regulated

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

Not regulated

### 15. REGULATORY INFORMATION

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#### **WHMIS Classification**

Not WHMIS controlled.

### 16. OTHER INFORMATION

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#### **Disclaimer & Caution**

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