



# NatueroSources

1012-1 Rue Cambrai  
Sherbrooke (Québec) J1H 2R7  
**Téléphone: 819-300-0679 (Canada )**  
**1877-529-3602 ( Sans Frais canada/États unis )**

## MATERIAL SAFETY DATA SHEET: GRAPEFRUIT EXTRACT - EXTRAIT PEPINS DE PAMPLEMOUSSE

### SECTION: 1.1 PRODUCT IDENTIFICATION

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

### SECTION: 1.2 COMPANY IDENTIFICATION

**Company:** NatueroSources.  
**Address:** 1012-1 Rue Cambrai  
Sherbrooke, Qc. J1H 2R7 Canada  
**Telephone No:** 1-819-300-0679  
**Toll free No:** 1-877-529-3602  
**24 HOUR EMERGENCY TELEPHONE NUMBER:** (613)-996-6666 CANUTEC

### SECTION: 2. COMPOSITION / INFORMATION INGREDIENTS

#### Composition :

Grapefruit Extract (40 % - 46 %), Glycerine USP (35 % - 40 %), Ascorbic acid (15 % -20 %)

#### Preparation Method :

Please refer to the Flowchart at the end of this document

### SECTION: 3. HAZARDS IDENTIFICATION

**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 Classification & Potential Health Effects**

**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.



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## SECTION: 4. FIRST AID MEASURES

### Eye Contact:

Contact with eyes can produce burning sensation. Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

### Inhalation:

Remove to fresh air. Give oxygen if breathing is labored and seek medical advice. Avoid casual breathing. Signs of overexposure are dizziness and nausea. Get medical attention if symptoms appear. Rinse mouth; dilute with milk or water and consult a physician immediately. Do not induce vomiting. Never-give anything by mouth if victim is unconscious, is rapidly-losing or is Convulsing. Seek medical attention or contact local poison control center.

### Ingestion:

### Skin Contact:

Remove contaminated clothing. Wash with soap and plenty of water. If irritation occurs, get medical attention.

## SECTION: 5. FIRE FIGHTING MEASURES

### Extinguishing media:

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

### Special Procedures:

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Determine the need to evacuate or isolate the area according to your local emergency plan.

### Unusual Firefighting Hazards:

None identified. But, hazardous decomposition products may be formed at extreme heat or if burned

### Protective Equipment:

Self-contained breathing apparatus and protective clothing should be worn when fighting fires.

## SECTION: 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions:

Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8.

### Safety Precautions:

Eliminate all ignition sources. Ventilate area. Determine the need to Evacuate or isolate the area according to your local emergency plan.

### Environmental Precautions:

Keep away from drains, surface and ground water. Report spills to appropriate Authorities if required.

### Methods For Cleaning Up:

Contain and collect with inert absorbent material and place in suitable container for disposal. Comply with all federal, state, and local regulation.



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Wipe small spills with cloth. Clean with hot water and detergent.

## SECTION: 7. HANDLING AND STORAGE

**Safe handling conditions:** Good personal hygiene practices should be used. 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:** Store in a cool, dry, well ventilated place protected from light. Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep away from extreme heat and from freezing conditions and away from all sources of ignition. Keep container closed when not in use. Make sure the material does not come into contact with substances listed as: "Materials to Avoid".

## SECTION: 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Eyes Protection:

The use of safety glasses is recommended. If a material is to be handled in a manner where splashing may occur, the use of splash goggles or face shield is recommended

### Respiratory Protection:

In well- ventilated areas, respiratory protection is not normally required. In confined, poorly ventilated areas the use of "NIOSH" approved respiratory protection normally required (use only if trained in proper use and with acceptable oxygen level).

### Protective Gloves:

Using chemical resistant gloves is recommended.

### Protective Clothing:

Using chemical resistant clothing is recommended.

### Protective Equipment:

An eyewash fountain and / or safety shower should be available in the work area. Acceptable industrial hygiene practices should be maintained.

## SECTION: 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance:

Viscous lemon yellow to golden brown liquid

### Odor:

Mild odor Characteristic of the product

### Solubility:

Soluble in water

### Relative density :

1.15 -1.25

### Flash point :

144 °C

### Extraction Method:

Please refer to the Flowchart at the end of this document for more detail about the extraction procedure.



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## SECTION: 10. STABILITY AND REACTIVITY

<b>Reactivity &amp; Stability:</b>	Chemically stable. This material presents no significant reactivity hazard.
<b>Conditions to Avoid:</b>	Avoid sparks, flame and other heat sources.
<b>Hazardous Polymerization:</b>	Hazardous polymerization will not occur
<b>Hazardous Combustion :</b>	Hazardous combustion will not occur
<b>Material to avoid &amp; incompatible materials:</b>	Strong oxidizing agents

## SECTION: 11. TOXICOLOGICAL INFORMATION

Based on experience, considered to be a non-toxic and harmless product

<b>Skin Contact:</b>	N/A
<b>Eye Contact:</b>	May irritate eyes : wear safety glasses
<b>Ingestion:</b>	N/A.
<b>Medical Conditions Aggravated by Exposure:</b>	N/A.
<b>Chronic Toxicity:</b>	N/A
<b>Carcinogenicity Data:</b>	None of the components of this material are listed as a carcinogen.
<b>Reproductive Toxicity:</b>	No adverse effects on reproduction are known.
<b>Acute Toxicity Values:</b>	Oral LD50: 5,000 mg/kg (white rat). Inhalation LC50: greater than 250 mg m3 (rabbits and guinea pigs).

## SECTION: 12. DISPOSAL CONSIDERATION

**Aquatic Toxicity:** None

Incineration or sanitary landfill in accordance with local, provincial and federal regulations. Check with disposal expert to insure compliance.

## SECTION: 13. TRANSPORT INFORMATION

Dispose of in accordance with local, state /provincial and federal regulations.

### US DOT Shipping Description (Land)

Not regulated

### IMO-IMDG Shipping Description (Sea)

Not regulated

### IATA Shipping Description (Air)

Not regulated



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## SECTION: 14. REGULATORY INFORMATION

WHMIS (Canada): N/A  
HMIS (USA): N/A  
EU Labeling: N/A  
Symbol N/A

## SECTION: 15. ECOLOGICAL INFORMATION

Avoid any pollution of ground, surface or underground water.

Persistence and degradability : Easily biodegradable

## SECTION: 16. OTHER INFORMATION

Revision Date: September, 2017

## CERTIFICATE OF ANALYSIS

**Product:** Grapefruit Seed Extract

**Lot # :** 16006-C38,D38

**Shelf life :** Best before February 2024

Store in air tight sealed container away from direct sunlight; in a cool dry area.

PROPERTIES	SPECIFICATIONS	RESULTS
<b>Appearance:</b>	Viscous lemon yellow to golden brown liquid	Complies
<b>Odor:</b>	Mild odor	Complies
<b>Solubility:</b>	Soluble in water.	Complies
<b>Specific Gravity</b>	1.15 – 1.25	1.24
<b>Moisture</b>	≤ 2.0 %	1.52
<b>Grapefruit seed extract</b>	40 - 46 %	44.70
<b>Vitamine C(Ascorbic acid)</b>	15 - 20	15.30
<b>Glycerine (USP)</b>	35 – 40	38.48
<b>Ph</b>	2 - 3	2.30

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## QUALITY AND REGULATORY INFORMATION

Following is our information package compiled to address our customer's quality and regulatory questions and concerns.

### Manufacturing Process

- Processed
- Flowchart

### From Sources

- Plant
- Synthetic

### Processing Statements

- Not Irradiated
- No Sewage sludge used

### Raw Materials

- Derived from Non-Genetically Modified Plant Material
- GMO-Free (no genetically modified ingredients added)
- Natural

### By-Products and Impurities

- Paraben, Triclosan, Phthalate Free

### Allergens

#### Food allergens

- Food Allergen Statement
- Gluten Free Statement

#### Fragrance allergens

- IFRA Fragrance Allergens

### Claims

- Cruelty-Free Statement
- Kosher Certified
- Suitable for vegans

### Declaration

- Country of Origin

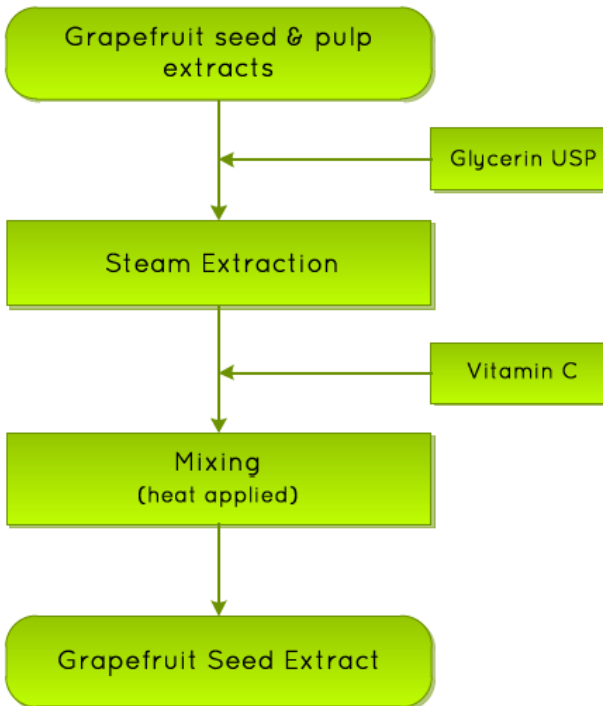


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## FLOWCHART

PRODUCT NAME: GRAPEFRUIT SEED EXTRACT - 16006



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