



Safety Data Sheet

**Section 1: Identification**

Trade Name: Grapefruit Seed Extract

Synonyms: GSE. Citrus grandis (grapefruit) seed extract (and) Glycerin

Company: Soapgoods Inc

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**Section 2: Hazard(s) Identification**

Medical Information: N/A

**Section 3: Composition/Information on Ingredients**

Chemical Name	% Content
Grapefruit Seed Extract	40 – 46%
Vitamin C (Ascorbic Acid)	15 – 20 %
Glycerine USP	35 – 40 %
Moisture (max)	Max. 2 %

**Section 4: First-Aid Measures**

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Skin Contact: Immediately wash with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur.

Ingestion: If swallowed: Do not induce vomiting. Give milk and/or egg white beaten in water. Avoid all alcohol. Seek medical attention immediately.

Inhalation: If inhaled, remove individual to fresh air. Proper ventilation is suggested for persons that have allergies or are sensitive. Keep containers closed when not in

use.

## **Section 5: Fire-Fighting Measures**

Flash Point 144 °C (292°F)

Extinguishing media: Foam, water fog, carbon dioxide or dry chemical

Special Procedures: Water or foam may cause frothing, which can be violent and dangerous to the fire fighter, especially if sprayed into containers of hot, burning liquid.

Unusual Firefighting Hazards: Never use welding or cutting torch on / near drum. Residue may ignite.

Protective Equipment: Fire fighters should wear full protective clothing, including selfcontained breathing equipment.

## **Section 6: Accidental Release Measures**

Personal Precautions: Use appropriate protective equipment.

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 spill with sand, sawdust or other absorbent inert materials.

Final treatment of the area should be cleaned with soap and water. The material is a non-corrosive liquid and should be disposed of in compliance with all federal, state or provincial, and local regulation.

## **Section 7: Handling and Storage**

Handling: Avoid contact with skin and eyes. May produce sensitization to damaged exposed skin (as sold) (See Toxicological Section 11). Wear appropriate PPE. Wash thoroughly with soap and water after handling.

Storage: Keep containers tightly closed when not in use. Store in a cool, dry place, out of direct sunlight.

## **Section 8: Exposure Controls/Personal Protection**

Eyes Protection: The use of safety glasses is recommended.

Respiratory Protection: Proper and sufficient mechanical ventilation to avoid unhealthy exposure.

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

Solubility: Soluble in Water

Relative Density: 1.15 – 1.25

Refractive Index: Not determined

pH (25°C): 2 - 3

Storage: Do not store in steel or metal containers. Store in plastic or glass containers only.

### **Section 10: Stability and Reactivity**

Stability: Chemically stable under normal conditions.

Hazardous Polymerization: May not occur.

Materials to Avoid Strong oxidizing agents.

### **Section 11: Toxicological Information**

Eyes: Severe eye irritation when used directly.

Skin: Irritant when tested according to method 16 CFR 1500.41. Avoid prolonged contact at full strength due to low PH of product.

Inhalation: LC50 in rabbits and guinea pigs at 250 mg m3

. Slight increase in serum

alkaline phosphate levels. Avoid breathing vapor full strength if heated

### **Section 12: Ecological Information**

Ecotoxicity: Material is toxic to fish at full strength

Environmental fate: Based largely or completely on information for primary raw material (glycerine).

Biodegradability: Biodegradable under aerobic conditions. Biodegradation is expected to be achievable in secondary wastewater treatment plant.

### **Section 13: Disposal Considerations**

Follow all applicable community, national or regional regulations regarding waste management methods.

#### **Section 14: Transport Information**

TDG Canada Not Regulated

US DOT Shipping Description: Not Regulated

IATA Shipping (Air): Not Regulated

IMDG Shipping Description: Not Regulated

#### **Section 15: Regulatory Information**

WHMIS (Canada): Not Available

HMIS (USA): Health Hazard: – 1 Flammability: – 1 Reactivity: – 0 Protection: A

#### **Section 16: Other Information**

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