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## CERTIFICATE OF ANALYSIS & SAFETY DATA SHEET

**PRODUCT:** Grapefruit Seed extract  
**INCI:** Citrus Grandis Seed Extract (and) Glycerin  
**COUNTRY OF ORIGIN:** USA  
**USAGE:** Cosmetic use only

### Physical & chemical data / Specification

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Viscous lemon yellow to golden Brown liquid	Complies
Odor	Mild odor	Complies
Solubility	Soluble in water	Complies
Specific Gravity	01.10 – 1.30	1.22
pH	1.50 – 3.00	2.43
Vitamin C (ascorbic acid)	42% - 46%	43.90
Glycerine (USP)	14% - 18%	16.10
Moisture	0.0% - 3.0%	1.38

### COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Citrus Grandis Seed Extract (and) Glycerin	90045-43-5 / 8016-20-4 (and) 56-81-5	289-904-6 / - (and) 200-289-5	100 %

### HAZARDS IDENTIFICATION

#### Emergency Overview

<b>GHS Classification:</b>	Not classified.
<b>GHS Label elements, including precautionary statements:</b>	Signal: Not applicable
<b>Hazard statement(s)</b>	Not applicable.
<b>Precautionary statement(s)</b>	Not applicable.

### EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Eyes:** Use tightly sealed goggles.

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

**Ingestion:** Not for ingestion.

**Exposure limit values:** OSHA (PEL): 15 mg/m Total Dust  
OSHA (PEL): 5 mg/m Respirable fraction

## 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:** 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.

## HANDLING AND STORAGE

**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 vapor concentration. Keep container closed when not in use.

## FIRE FIGHTING MEASURES

**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.

## ACCIDENTAL RELEASE MEASURES

**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.

## STABILITY AND REACTIVITY

**Reactivity:** This material presents no significant reactivity hazard.

**Chemical stability:** Hygroscopic, otherwise stable under normal conditions.

**Possibility of hazardous reactions:** Polymerization above 149 °C.

**Conditions to avoid:** Avoid sparks, flame and other heat sources.

**Incompatible materials:** Strong oxidizing agents.

## TOXICOLOGICAL INFORMATION

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

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

**Carcinogenicity:** None of the components of this material are listed as a carcinogen.

**Reproductive toxicity:** No adverse effects on reproduction are known.

**Eye contact:** Possible irritation should be prevented by wearing safety glasses.

## ECOLOGICAL INFORMATION

**Ecotoxicity:** Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.

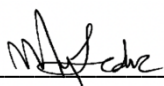
**Persistence and degradability:** Easily biodegradable

**Bio - accumulative potential:** Not available.

**Mobility in soil:** Not available.

**Other adverse effects:** Not available.

Émis par



Online Boutique Director's

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