

Safety Data Sheet

1. PRODUCT & COMPANY INFORMATION

❖ Product name	Glycerine Vegetable (USP 99.7%)
❖ INCI name	Synonyms: 1,2,3-Propanetriol, Glycerol
❖ Country of Origin	Malaysia
❖ Product use	Cosmetic/Pharmaceutical
❖ Supplier	BOTANIC PLANET CANADA INC.
❖ Address	2 Bram Crt Unit # 3 & 4 Brampton Ontario
❖ Telephone number	905.455.4444
❖ Emergency phone number	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARDS IDENTIFICATION

❖ GHS Classification	Not classified as dangerous goods.
❖ GHS Label elements & precautionary statements	Not applicable
❖ Hazard statement(s)	Not applicable
❖ Precautionary statement(s)	Not applicable

3. COMPOSITION / INFORMATION INGREDIENTS

❖ Product name	Glycerine Vegetable (USP 99.7%)
❖ CAS NO.	56-81-5
❖ EC NO.	200-289-5
❖ CONCENTRATION	99.7%

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	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.

5. FIRE FIGHTING MEASURES

❖ Suitable extinguishing media
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
❖ Special hazards arising from the substance or its combustible products
Hazardous decomposition products may be formed at extreme heat or if burned.
❖ Resulting gases
Carbon dioxide

6. ACCIDENTAL RELEASE MEASURES

❖ Personal precautions, protective equipment and procedures:
Ensure adequate ventilation. Use chemical safety goggles for eye/face protection.
❖ Environmental Precautions:
Non-hazardous, but avoid direct releases to the environment.
❖ Containment Equipment and Procedures:
Non-hazardous, but avoid direct releases to the environment.
❖ Clean-up Procedures:
Pick up with absorbent material and collect for disposal.

7. 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 vapour concentrations. Keep Container closed when not in use.

8. 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.
❖ Respiratory	In case of insufficient ventilation, wear suitable respiratory equipment or move in open air.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: colorless viscous liquid.

Odor: Mild odor.

Melting Point/Freezing Point: 18°C

Initial b.p and boiling range: 290°C

Flash point: > 170 °C

Relative density: 1.26 @ 20°C

Solubility (ies): Soluble in water.

10. STABILITY AND REACTIVITY

❖ Reactivity	This material presents no significant reactivity hazard.
❖ Chemical stability	The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidation and may start to deteriorate after six months.
❖ 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

❖ Acute toxicity	Oral LD50: 23000 mg/kg bw (mouse). Dermal LD50: greater than 21900 mg/kg bw (rat).
❖ Carcinogenicity	None of the components of this material are listed as a carcinogen.
❖ Inhalation	Inhalation of high concentrations of vapour may result in irritation of eyes, nose and throat, headache, nausea, & dizziness.
❖ Skin contact	Non toxic
❖ Eye contact	Not available.
❖ Single exposure	People allergic to the flower family may experience irritation.

12. ECOLOGICAL INFORMATION

❖ Eco toxicity
Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local
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Municipal authority to ensure compliance.

14. TRANSPORT INFORMATION

❖ US DOT Shipping Description (Land)	Not regulated.
❖ IMO-IMDG Shipping Description (Sea)	Not regulated.
❖ IATA Shipping Description (Air)	Not regulated.

15. REGULATORY INFORMATION

❖ None

16. OTHER INFORMATION

Date Created May 31st, 2020

Disclaimer & Caution

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CERTIFICATE OF ANALYSIS

Lot No: 160052020

Best Before: July, 2023

Store in air tight dark containers; in a cool dry area; away from direct sunlight.

Product: Glycerine Vegetable - USP 99.7% - Raw Material

Appearance: Clear liquid. Complies

Odor: Odorless. Complies

Heavy Metals: ≤ 5 ppm Complies

Chlorinated compound: ≤ 30 ppm Complies

Assay: ≥ 99.7 % 99.81

Residue on Ignition: ≤ 0.01 % 0.002

Specific Gravity: > 1.249 @ 25°C 1.2617

Moisture: < 0.5 % 0.18

Individual impurities: ≤ 0.1 % ≤ 0.1

Total impurities: ≤ 1.0 % ≤ 1.0

Fatty acids & esters: < 1.0 % 0.20

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