Material Safety Data Sheet

SECTION 1: Product and Supplier Identification

Product Identifier: Glycol Stearate Flakes
Botanical/INCI Name: Ethylene Glycol Monostearate (EGMS)
CAS #: 111-60-4
Molecular Formula: $C_{20}H_{40}O_3$
Origin: India
Supplier: Botanic Planet Canada Inc.
Address: 2 Bram Court Unit # 3 Brampton Ontario L6W 3R6 Canada
Phone: 905-455-4444
Emergency Contact: (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. Hazard Identification

GHS Classification

Not classified as hazardous under normal conditions of use.

GHS Label Elements

- **Signal Word:** None
- **Hazard Pictograms:** None required

Potential Health Effects

- **Eye Contact:** May cause mild irritation.
- **Skin Contact:** Generally non-irritating; prolonged contact may cause mild irritation.
- **Inhalation:** Dust may cause respiratory tract irritation.
- **Ingestion:** Low acute toxicity; may cause gastrointestinal discomfort if swallowed in large quantities.

3. Composition / Information on Ingredients

Component	CAS No.	Concentration
Ethylene Glycol Monostearate	111-60-4	≥95%

4. First Aid Measures

Eye Contact

Flush cautiously with water for at least 15 minutes. Remove contact lenses if present and easy to do.

Skin Contact

Wash with soap and water.

Inhalation

Move affected person to fresh air.

Ingestion

Rinse mouth with water. Seek medical advice if symptoms occur.

5. Fire-Fighting Measures

Suitable Extinguishing Media

- Dry chemical powder
- Carbon dioxide (CO_2)
- Foam
- Water spray

Hazardous Combustion Products

- Carbon monoxide (CO)
- Carbon dioxide (CO_2)

Protective Equipment

Wear self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures

Personal Precautions

Avoid generating dust. Use appropriate protective equipment.

Environmental Precautions

Prevent entry into drains and waterways.

Cleanup Methods

Sweep or shovel into suitable containers for disposal.

7. Handling and Storage

Handling

- Avoid excessive dust generation.
- Use good industrial hygiene practices.

Storage

- Store in a cool, dry, well-ventilated area.
- Keep container tightly closed.
- Protect from moisture and direct sunlight.

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8. Exposure Controls / Personal Protection

Engineering Controls
Provide adequate ventilation.
Personal Protective Equipment
Eye Protection: Safety glasses.
Hand Protection: Protective gloves.
Respiratory Protection: Dust mask if airborne dust is generated.
Skin Protection: Standard work clothing.

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9. Physical and Chemical Properties

Property	Value
Appearance	White to off-white flakes
Odor	Mild fatty odor
Physical State	Solid
Melting Point	54–65°C
Boiling Point	Not determined
Flash Point	>180°C (approx.)
Solubility in Water	: Insoluble
pH	Not applicable
Specific Gravity	Approx. 0.95–1.00
Vapor Pressure	Negligible

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10. Stability and Reactivity

Stability
Stable under recommended storage conditions.
Conditions to Avoid

- Excessive heat
- Open flames
- Strong oxidizing conditions

Incompatible Materials
Strong oxidizing agents.
Hazardous Decomposition Products
Carbon oxides upon combustion.

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11. Toxicological Information

Acute Toxicity
Low toxicity expected.
Skin Corrosion/Irritation
May cause slight irritation after prolonged exposure.
Serious Eye Damage/Irritation
May cause mild irritation.
Sensitization
Not expected to be a skin sensitizer.
Carcinogenicity
No known carcinogenic effects.

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12. Ecological Information

Ecotoxicity
No significant environmental hazards known.
Persistence and Degradability
Expected to be biodegradable.
Bioaccumulative Potential
Low.

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13. Disposal Considerations

Dispose of product and packaging in accordance with local, regional, and national regulations.

14. Transport Information

UN Number

Not regulated.

Proper Shipping Name

Not regulated as dangerous goods.

Transport Hazard Class

Not applicable.

Packing Group

Not applicable.

15. Regulatory Information

This product is generally not classified as hazardous under standard chemical inventory regulations; verify local regulatory requirements.

16. Other Information

NONE

This product is a 100% pure and natural. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge and specifications. The analysis and statements herein constitute the most complete information available to Botanic Planet Canada Inc. Please refer to all relevant technical information specific to the product, prior to use. This information contained in this material safety Data sheet is obtained from current and reliable sources. As an ordinary or otherwise user(s) of this product is outside the control of Botanic Planet Canada Inc., no representation or warranty, expressed or implied is made as to the effect(s) of such use (s) (including damages or injury) or any obtained. Botanic Planet Canada Inc. expressly disclaims responsibility as to the ordinary or otherwise uses. Furthermore, Botanic Planet Canada Inc. makes no claims as to the fitness for any use, and you should consider nothing container herein as a recommendation. The Liability of botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario Canada.