

REGULATORY & QUALITY STATEMENT

SECTION 1 – PRODUCT IDENTIFICATION & SUPPLIER

Product Name: Phenoxyethanol

Chemical Formula: $C_8H_{10}O_2$

Country of Origin: India

Other Names: 2-Phenoxyethanol, Phenoxy ethyl Alcohol, Ethylene Glycol Monophenyl Ether

CAS No.: 122-99-6

Recommended Use: Preservative and antimicrobial ingredient used in cosmetic and personal-care formulations.

Restrictions on Use: Not intended for direct ingestion. Use according to applicable formulation, workplace, and regulatory requirements.

SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

Acute Toxicity



Serious Eye Damage



Specific Target Organ Toxicity, Respiratory System



These classifications are consistent with current supplier SDS information for phenoxyethanol (CAS 122-99-6).

Signal Word: Danger

Hazard Statements

H302: Harmful if swallowed.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

Precautionary Statements

P261: Avoid breathing mist, vapours or spray

P264: Wash hands and exposed skin thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves and eye/face protection.

P301 + P312: IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Concentration
Phenoxyethanol	122-99-6	100%

Molecular Weight: 138.17 g/mol

SECTION 4 – FIRST-AID MEASURES

Inhalation

Move the affected person to fresh air. Keep comfortable for breathing. Seek medical attention if respiratory irritation or other symptoms occur.

Skin Contact

Remove contaminated clothing. Wash skin thoroughly with soap and plenty of water. Seek medical attention if irritation develops or persists.

Eye Contact

Immediately rinse cautiously with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Obtain immediate medical attention because the product is classified as causing serious eye damage.

Ingestion

Rinse mouth with water. Do not induce vomiting unless directed by medical personnel. Contact a poison centre or physician if unwell.

Most Important Symptoms

Eye damage/irritation and respiratory irritation may occur. Harmful if swallowed.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use water spray, dry chemical, carbon dioxide (CO₂), or alcohol-resistant foam.

Specific Hazards

Combustible liquid. Heating or combustion may produce irritating or hazardous vapours.

Special Protective Equipment

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus.

Flash Point

Approximately 126°C (259°F), closed cup.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid contact with eyes and skin. Avoid breathing vapours or mist. Ensure adequate ventilation. Wear appropriate personal protective equipment.

Environmental Precautions

Prevent large quantities from entering drains, waterways, or soil.

Methods for Containment and Cleanup

Contain the spill. Absorb with an appropriate inert material such as sand, vermiculite, or suitable absorbent material. Collect into suitable containers for disposal. Clean the affected area thoroughly.

SECTION 7 – HANDLING AND STORAGE

Handling

Handle in accordance with good industrial hygiene practices. Avoid contact with eyes. Avoid breathing vapours or mist. Use adequate ventilation

Storage

Store tightly closed in a cool, dry, and well-ventilated area. Protect from excessive heat and direct sunlight. Keep containers properly closed when not in use.

Incompatible Materials

Avoid strong oxidizing agents and other incompatible chemicals.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Provide adequate general and local exhaust ventilation where vapours or mist may be generated.

Respiratory Protection

Normally not required under conditions of adequate ventilation. If exposure levels cannot be adequately controlled, use suitable respiratory protection in accordance with applicable regulations.

Hand Protection

Wear suitable chemical-resistant protective gloves.

Eye Protection

Safety glasses with side shields are recommended. Where splashing is possible, use chemical splash goggles or appropriate face protection.

Skin Protection

Wear appropriate protective clothing where prolonged or repeated contact may occur.

Hygiene Measures

Wash hands thoroughly after handling. Do not eat, drink, or smoke while handling the product.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Description
Appearance	Clear, colorless liquid
Odour	Mild characteristic odour
Physical State	Liquid
Molecular Formula	$C_8H_{10}O_2$
Molecular Weight	138.17 g/mol
Melting Point	Approximately 11–13°C
Boiling Point	Approximately 247°C
Flash Point	Approximately 126°C (closed cup)
Density	Approximately 1.10–1.11 g/mL
Solubility in Water	Slightly soluble
Vapour Pressure	Low
pH	Not applicable to neat substance

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: No hazardous reaction expected under normal conditions of use.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: Hazardous polymerization is not expected under normal conditions.

Conditions to Avoid: Excessive heat, flames, sparks, and incompatible materials.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon oxides and irritating fumes may be produced during combustion.

SECTION 11 – TOXICOLOGICAL INFORMATION

Inhalation

Skin contact

Eye contact

Ingestion

Acute Toxicity

Harmful if swallowed.

Eye Effects

Causes serious eye damage.

Respiratory Effects

May cause respiratory irritation.

Skin Effects

Prolonged or repeated contact may cause irritation.

Carcinogenicity

No classification as a carcinogen is assigned based on the information used for this SDS.

Mutagenicity

No classification as a mutagen is assigned based on the information used for this SDS.

Reproductive Toxicity

No classification as a reproductive toxicant is assigned based on the information used for this SDS.

SECTION 12 – ECOLOGICAL INFORMATION

Avoid uncontrolled release into the environment.

Do not discharge large quantities directly into drains, waterways, or soil.

Additional environmental data should be evaluated according to the specific grade and intended use of the product.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of contents and container in accordance with applicable federal, provincial, and local regulations.

Do not discharge the product into drains or waterways.

Contaminated packaging should be handled and disposed of according to applicable regulations.

SECTION 14 – TRANSPORT INFORMATION

UN Number: Not classified as a dangerous good for transport based on the information available for this product.

Proper Shipping Name: Not applicable.

Transport Hazard Class: Not applicable.

Packing Group: Not applicable.

Marine Pollutant: Not classified.

Transportation requirements should be confirmed for the actual product, packaging, quantity, and mode of transport.

SECTION 15 – REGULATORY INFORMATION

This SDS has been prepared using GHS-based hazard information applicable to phenoxyethanol (CAS 122-99-6). For Canada, workplace hazard communication requirements should be assessed under the Hazardous Products Act / Hazardous Products Regulations, as applicable.

Regulatory status may vary according to intended use, concentration, grade, and jurisdiction.

SECTION 16 – OTHER INFORMATION

Product: Phenoxyethanol

INCI: Phenoxyethanol

CAS No.: 122-99-6

Intended Application: Cosmetic and personal-care formulations

Prepared For: Botanic

Location: Ontario, Canada

SDS Revision Date: JANUARY 10, 2026



Disclaimer & Caution. Please refer to all relevant technical information specific to this product prior to use. The information contained in this document has been obtained from current and reliable sources. Botanic Planet Canada Inc. provides this information in good faith but makes no representation or warranty as to its completeness, accuracy, or suitability for any particular purpose. Recipients of this information are responsible for exercising their own independent judgment in determining the appropriateness of the product for their intended application. The purchaser and user of this product are solely responsible for ensuring compliance with all applicable local, provincial, national, and international laws, regulations, and the intellectual property rights of third parties relating to the use of the product. As the conditions and methods of storage, handling, processing, and use of this product are beyond the control of Botanic Planet Canada Inc., no express or implied warranty is made regarding the effects of such use, including any damage, injury, or results obtained. Botanic Planet Canada Inc. assumes no responsibility or liability arising from the use or misuse of this product. The liability of Botanic Planet Canada Inc., if any, is limited solely to the purchase price of the goods supplied and shall not include any indirect, incidental, special, punitive, or consequential damages or losses. Botanic Planet Canada Inc. shall not be liable for any errors, omissions, or delays in the information contained in this document or for any actions taken in reliance upon such information. In the event of any dispute arising from the sale or use of this product, the parties agree that the exclusive jurisdiction and venue shall be the courts of the Province of Ontario, Canada.

Botanic Planet Canada Inc. 2 Bram Court, Unit # 3-4 Brampton, Ontario, L6W 3R6 Canada

Email: info@botanicplanet.ca www.botanicplanet.ca