Material Safety Data Sheet (MSDS)

Euxyl PE 9010 Ethylhexylglycerin

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Euxyl PE 9010 Ethylhexylglycerin
INCI Name: Ethylhexylglycerin
CAS Number: 70445-33-9
Chemical Name: 3-(2-Ethylhexyloxy) propane-1,2-diol
Molecular Formula: $C_{11}H_{24}O_3$
Molecular Weight: 204.31 g/mol
Recommended Uses: Cosmetic raw material, preservative booster, skin-conditioning agent, deodorant ingredient, and personal care formulations.
Origin: USA
Supplier: Botanic Planet Canada Inc.
Address: 2 Bram Crt Unit # 3-4 Brampton, Ontario, Canada
Telephone number: 905-455-4444
Emergency phone number (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification:
Based on present data no classification and labeling is required according to GHS, taking into account the national implementation (United Nations version 2011)
Signal Word: Not applicable
Hazard Pictograms: Not applicable
Hazard Statements: Not applicable
Potential Hazards:

- Eye contact may cause irritation.
- Prolonged or repeated skin contact may cause irritation or sensitization in susceptible individuals.
- Ingestion may cause gastrointestinal discomfort.
- Avoid inhalation of mists or aerosols.

Precautionary Measures: Avoid unnecessary contact with eyes and skin. Wear suitable protective equipment during bulk handling. Do not ingest.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Component	CAS Number	EC Number	Concentration (%)
1,2-Propanediol, 3-(2-ethylhexyloxy)- (Ethylhexylglycerin)	70445-33-9	408-080-2	>95%

Composition Description: The product consists predominantly of Ethylhexylglycerin at a concentration greater than 95%. Any remaining constituents are not specified in the supplied composition information.

SECTION 4: FIRST AID MEASURES

Eye Contact: Immediately rinse cautiously with clean water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.
Skin Contact: Wash affected areas thoroughly with soap and water. Remove contaminated clothing. Seek medical advice if irritation or allergic symptoms develop.
Inhalation: Move the affected person to fresh air. Seek medical attention if respiratory symptoms develop or persist.
Ingestion: Rinse mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical advice if symptoms occur.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, alcohol-resistant foam, dry chemical powder, or carbon dioxide.
Specific Hazards: Thermal decomposition or combustion may produce carbon monoxide, carbon dioxide, and other irritating fumes.
Protective Equipment: Firefighters should wear appropriate protective clothing and self-contained breathing apparatus.
Flash Point: To be verified against manufacturer's SDS.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with eyes and skin. Use appropriate protective equipment. Prevent slipping hazards caused by spilled liquid.
Environmental Precautions: Prevent large quantities from entering drains, waterways, and soil.

Cleanup Methods: Absorb spills with inert material such as sand, vermiculite, or suitable commercial absorbent. Transfer collected material to an appropriate waste container. Clean the affected area thoroughly.

SECTION 7: HANDLING AND STORAGE

Handling: Use in well-ventilated areas. Avoid unnecessary skin and eye contact. Follow standard industrial hygiene procedures.
Storage: Store in tightly closed, compatible containers in a cool, dry, well-ventilated area. Protect from excessive heat, direct sunlight, and incompatible materials.
Incompatible Materials: Strong oxidizing agents.
Shelf Life: Refer to supplier documentation and product label.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits: No substance-specific exposure limit established in this draft; verify applicable jurisdictional requirements.
Engineering Controls: General ventilation is normally appropriate for routine handling. Additional controls may be required for aerosol-generating operations.
Eye Protection: Chemical safety glasses or goggles.
Hand Protection: Chemical-resistant gloves suitable for the exposure conditions.
Skin Protection: Appropriate protective work clothing.
Respiratory Protection: Normally not required under adequately ventilated routine handling conditions. Use appropriate protection if mist exposure cannot be adequately controlled.
Hygiene Measures: Wash hands after handling and before eating, drinking, or smoking.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Typical / Available Information
Physical State	Liquid
Appearance	Clear, colourless to pale yellow
Odour	Mild, characteristic
Molecular Formula	$C_{11}H_{24}O_3$
Molecular Weight	204.31 g/mol
Specific Gravity	0.950–0.970
Refractive Index	1.448–1.455
Water Solubility	Limited

Solubility in Glycols	Soluble in suitable glycols
pH	Not applicable to the neat substance
Melting / Freezing Point	Not Available
Boiling Point	Not Available
Flash Point	Not Available
Vapour Pressure	Not Available
Viscosity	Not Available
Auto-Ignition Temperature	Not Available
Explosive Properties	Not Available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No specific hazardous reactivity identified for normal handling conditions in this draft.
Chemical Stability: Expected to remain stable under recommended storage and handling conditions.
Possibility of Hazardous Reactions: Avoid contact with incompatible materials.
Conditions to Avoid: Excessive heat, ignition sources where applicable, and prolonged exposure to incompatible materials.
Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition Products: Carbon oxides and potentially irritating decomposition fumes under fire conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Skin contact, eye contact, inhalation of mists, and accidental ingestion.
Acute Toxicity: Quantitative toxicological data require manufacturer verification.
Skin Irritation: May cause irritation in susceptible individuals.
Eye Irritation: Direct contact may cause irritation.
Skin Sensitization: Sensitization potential must be assessed using available substance-specific data.
Respiratory Sensitization: Data not established in this.
Carcinogenicity: No classification determination made in this.
Reproductive Toxicity: Data and classification require supplier verification.
Specific Target Organ Toxicity: Classification not established in this.
Aspiration Hazard: Classification not established in this.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not Determined.
Persistence and Degradability: Not Determined.

Bioaccumulative Potential: Not Determined.
Mobility in Soil: Not Determined.
Other Adverse Effects: Avoid uncontrolled release into the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of product residues, contaminated absorbents, and packaging in accordance with applicable federal, provincial, and municipal regulations. Do not discharge significant quantities into drains or natural waterways.

SECTION 14: TRANSPORT INFORMATION

Transport Information	Status
UN Number	None
UN Proper Shipping Name	None
Transport Hazard Class	None
Packing Group	None
Marine Pollutant	None
Canadian TDG Classification	None
IATA / IMDG Classification	None

SECTION 15: REGULATORY INFORMATION

Canada WHMIS: Classification to be confirmed using the manufacturer's current SDS and applicable Hazardous Products Regulations.
Canadian Cosmetic Use: Ethylhexylglycerin is used as a cosmetic ingredient. Finished products must comply with applicable Canadian cosmetic requirements.
Regulatory status, inventory listings, and any applicable restrictions should be verified for the intended jurisdiction and use.

SECTION 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.