

Section 1: Product and Company Identification

| | |
|----------------------------|---|
| Product Name | Preservative PE |
| Synonym (INCI) | Phenoxyethanol (and) Ethylhexylglycerin |
| CAS Number | 122-99-6 (and) 70445-33-9 |
| Country of Origin | United States |
| Product Use | Preservative for cosmetic products |
| Supplier | Simply Ingredients |
| Address | 20942 Osborne St, Unit C, Canoga Park, CA 91304 |
| Telephone Number | 747-274-8225 |
| Emergency Telephone Number | CHEMTREC 1-800-424-9300 |

Section 2: Hazards Identification

Classification according to OSHA 29CFR 1910.1200 Serious eye damage, Category 1

HAZARD PICTOGRAMS (CLP)



Hazard Statements

H318 Causes serious eye damage.

Precautionary Statements

Prevention: P280 Wear eye protection / face protection

Response: P305 + P351 + P338 If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a poison control center.

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Section 3: Composition

| <u>Substance</u> | <u>Identification</u> | <u>Classification</u> | <u>Contents</u> |
|-------------------------------------|-----------------------|---|-----------------|
| 2-Phenoxyethanol | CAS 122-99-6 | Acute Tox. 4; H302 Eye Irrit. 2; H319 | 88.5 – 91.5% |
| 3-(2-ethylhexyloxy)propane-1,2-diol | CAS 70445-33-9 | Eye Dam. 1; H318 Acute Tox. 4; H332 Aquatic Chronic 3; H412 | 8.5 – 11.5% |

Section 4: First Aid Measures

| | |
|--------------|---|
| Inhalation | If symptoms persist, call a physician. |
| Skin Contact | Liberal bath with water. |
| Eye Contact | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Seek medical advice. |
| Ingestion | Do not induce vomiting. Obtain medical attention. |

Section 5: Fire Fighting Measures

| | |
|--------------------------------|--|
| Suitable Extinguishing Media | Water, Dry powder, Foam, CO ₂ |
| Unsuitable Extinguishing Media | No information available. |
| Fire and Explosion Hazards | No information available. |
| Hazardous Combustion Products | No information available. |

Section 6: Accidental Release Measures

| | |
|--------------------------------------|--|
| Personal Protection Measures | Use personal protective equipment. |
| Environmental Precautionary Measures | Avoid any pollution of surface and ground waters. Avoid subsoil penetration. |
| Cleaning Method | Wipe up with absorbent material (cloth, fleece). Soak up with absorbent material (sawdust, diatomaceous earth). Dispose of properly. |

Section 7: Handling & Storage

| | |
|-------------------------|---|
| Handling | Handle and open container with care. Keep away from food and drink. |
| Safe Storage Conditions | Keep away from direct sunlight. Keep container tightly closed and out of reach of children. |
| Storage Temperature | 25°C |

Section 8: Exposure Controls & Personal Protection

| | |
|------------------------|--|
| Respiratory Protection | Ensure adequate ventilation, especially in confined areas. |
| Eye Protection | Wear goggles. |
| Skin Protection | Wear gloves. Avoid skin contact. |

Section 9: Physical & Chemical Properties

| | |
|------------------|---------------------------|
| Appearance | Clear liquid |
| Color | Colorless |
| Odor | Characteristic |
| pH | 6 – 8 (20°C) |
| Boiling Point | > 100°C |
| Flash Point | > 100°C (ISO 2719) |
| Flammability | Not applicable |
| Solubility | Soluble in water |
| Relative Density | 1.087 – 1.092 g/ml (20°C) |

Section 10: Stability & Reactivity

| | |
|------------------------------------|--|
| Reactivity | Stable under normal conditions. |
| Chemical Stability | No decomposition if stored normally. |
| Possibility of Hazardous Reactions | None reasonably foreseeable. |
| Conditions to Avoid | Protect from frost, heat and sunlight. |
| Materials to Avoid | No data available. |
| Hazardous Decomposition Products | None reasonably foreseeable. |

Section 11: Toxicological Information

| | |
|------------------|--|
| Chronic Toxicity | Does not present hazard based on known information. |
| Inhalation | Harmful if inhaled. |
| Dermal Contact | No skin irritation. Did not cause sensitization. |
| Eye Contact | Causes serious eye irritation and risk of damage to eyes. |
| Ingestion | Harmful if swallowed. |
| CMR Effects | Non-mutagenic, Non-reprotoxic. No data on carcinogenicity. |

Section 12: Ecological Information

| | |
|---------------------------|--|
| Toxicity to Fish | Phenoxyethanol (Golden orfe) LC50 > 100mg/l (96h) Ethylhexylglycerin (Brachidanio rerio) LC50 60.2mg/l |
| Toxicity to Algae | Phenoxyethanol (Green Algae) EC50 > 500mg/l (72h) Ethylhexylglycerin (Green Algae) IC50 48.3 mg/l (72h) |
| Biodegradability | Phenoxyethanol is readily biodegradable. Ethylhexylglycerin is inherently biodegradable. |
| Bioaccumulative Potential | None to be expected. |
| Mobility | Phenoxyethanol is mobile in soils, although there is no mobility information available on this product. |

Section 13: Disposal Considerations

The generation of waste should be avoided or minimized wherever possible. Section 6 contains clean up methods. Dispose of this product as hazardous waste in compliance with local and national regulations. This product should not be allowed to enter the drains, water courses, or soil.

Section 14: Transport Information

Not a dangerous product. Not classified in ADR (road), RID (rail), IMDG (sea), ICAO/IATA (air).

Section 15: Regulatory Information

Proposition 65: N/A – no ingredients regulated by Proposition 65 present.
Complies with TSCA.

Section 16: Other Information

Review Date: January 21, 2021

Full Text of H-Statements and Other Abbreviations

| | |
|-----------------|--|
| H302 | Harmful if swallowed. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H412 | Harmful to aquatic life with long-lasting effects. |
| Acute Tox. | Acute toxicity |
| Aquatic Chronic | Long-term (chronic) aquatic hazard |
| Eye Dam. | Serious eye damage |
| Eye Irrit. | Eye irritation |

All information appearing herein is based on information supplied by the manufacturer of the ingredient. Simply Ingredients makes no representations to its accuracy or sufficiency. Please refer to all relevant technical information specific to the ingredient prior to use. The user of this ingredient is responsible for understanding the safety instructions for each ingredient, including how to store and handle the ingredient in use and in formulation. The user is also responsible for understanding any regulatory restrictions by governmental or third-party agencies, including proper usage, formulation, labeling, marketing and sale. Simply Ingredients is not liable for any issues that arise from improper handling and storage of any ingredients.