Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Section 1: Identification

Product Name Phenoxyethanol (2) NF
Commercial Name Not available.
Product Use Personal Care Preservative.
Restrictions On Use Not available.

Product Code 30-4270

Company
PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: CFR 1910.1200 GHS-US Acute Toicity, Oral Category 4 Serious eye damage/Eye Irritation Category 2

Signal Word WARNING

Hazard Statement(s) Harmful if swallowed. Causes serious eye irritation.

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Wash skin thoroughly after handling.
Response If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Storage Not available.
Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Phenoxyethanol (2) NF
% By Weight 100
CAS# 122-99-6
Molecular Weight 138.17 g/mole
Chemical Formula C8H10O2
Synonym(s) Ethylene glycol monophenyl ether, Ethanol, 2-phenoxy-

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Phenoxyethanol (2) NF	122-99-6	100		

Section 4: First-Aid Measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin Contact Rinse skin with water/shower. Get medical attention if irritation develops and persists.

Eye Contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth thoroughly. If ingestion of a large amount does occur, call a poison control center immediately. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if substance is ingested. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

Symptoms/Effects

Acute Not available.

Delayed Not available.

Immediate Medical Attention

Treat symptomatically. Treatment of overdose may include the following: Administer gastric lavage within one hour of ingestion, unless contraindicated. Protect airway and control seizures before initiating treatment. Administer activated charcoal as an aqueous slurry. Correct severe acidosis with IV sodium bicarbonate. Administer fomepizole by slow IV infusion over 30 minutes. Use hemodialysis in addition to fomepizole for severe toxicity.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2)

Unsuitable Extinguishing Media

Do not use water jet as an extinguisher, as this will spread the fire.

Products of Combustion

No unusual fire or explosion hazards noted

Firefighters Special Equipment and Precautions

Wear suitable protective equipment. Move containers from fire area if you can do so without risk. Use standard firefighting procedures and consider the hazards of other involved materials.

Section 6: Accidental Release Measures

Keep unnecessary personnel away. Wear appropriate personal protective equipment. Avoid inhalation of vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. For personal protection, see section 8 of the SDS Absorb spillage with suitable absorbent material. Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS Avoid discharge into drains, water courses or onto the ground.

Section 7: Handling and Storage

Handling: As a general rule, when handling USP Reference Standards, avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Clean equipment and work surfaces with suitable detergent or solvent after use. After removing gloves, wash hands and other exposed skin thoroughly. Select and use containment devices and personal protective equipment based on a risk assessment of material potency and exposure potential. Storage: Store in tight container as defined in the USP-NF. This material should be handled and stored per label instructions to ensure product integrity.

Section 8: Exposure Controls/Personal Protection

Exposure Limits TWA 25 ppmP

Engineering Controls For laboratory operations, use good technique and limit open handling. Control exposures to below the occupational exposure level (if available). Select and use containment devices and personal protective equipment based on a risk assessment of exposure potential. Cover all containers for solutions and slurries while being transferred.

Personal Protection	Eye/face protection: Wear safety glasses with side shields, chemical splash goggles, or full face shield, if necessary. Base the choice of protection on the job activity and potential for contact with eyes or face. An emergency eye wash station should be available. Skin protection Hand protection: Wear nitrile or other impervious gloves if skin contact is possible. When the material is dissolved or suspended in an organic solvent, wear gloves that provide protection against the solvent. Other: Wear lab coat. Base the choice of skin protection on the job activity, potential for skin contact and solvents and reagents in use. Do not wear protective garments in common areas (e.g., cafeterias) or out-of-doors. Respiratory protection: Respirators are generally not required for laboratory operations. Choose respiratory protection appropriate to the task and the level of existing engineering controls. Thermal hazards: Wear appropriate thermal protective clothing, when necessary. General hygiene considerations: Handling practices in this SDS are recommendations for laboratory use of reference standards. Procedures for any other uses or quantities should be determined after an appropriate assessment

Section 9: Physical and Chemical Properties

Appearance	Colorless liquid.
Odor	Mild
Odor Threshold	Not available.

Melting Point	51.8 °F (11 °C) / 57.2 °F (14	**pH**	5.5-7 (1% soln)
Freezing Point	51.8 °F (11 °C) / 57.2 °F (14	**Vapor Pressure**	0.0005 kPa at 20 °C; 0.01 mm Hg (
Boiling Point/Range	471.2 - 474.08 °F (244 - 245.	**Vapor Density**	Not available.
Decomposition temperature	Not available.	**Viscosity**	Not available.
Partition Coefficient: n-octanol/water	1.16	**Evaporation Rate**	Not available.
Flash Point	258.8 °F (126.0 °C) Closed C	**Autoignition temperature**	932 °F (500 °C)
Flammability	Not available.	**Flammability or Explosive Limits:**	
		Lower	Not available.
		Upper	Not available.

Solubility(ies)	Slightly soluble in water. Alcohol: Miscible. Alkalis: Soluble. Ether: Soluble.
Other	Chemical family Aromatic ether. Dynamic viscosity 19 mPa.s (104.9 °F (40.5 °C)) Molecular formula C8-H10-O2 Molecular weight 138.16 g/mol Percent volatile 100 % Surface tension 70.7 mN/m (67.82 °F (19.9 °C)) VOC100 %

Section 10: Stability and Reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability	Material is stable under normal conditions.
Hazardous Polymerization	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	Contact with incompatible materials.
Incompatible Materials	Strong oxidizing agents. Strong bases. Strong acids. Sulfuric acid Isocyanates.
Hazardous Decomposition Products	Irritating and/or toxic fumes or gases. Emits toxic fumes under fire conditions

Section 11: Toxicological Information

RTECS KM0350000

Acute Toxicity
Oral: LD50 Rat 1260 mg/kg Acute Dermal: LD50 Rabbit > 2214 mg/kg, 24 Hours

Skin Corrosion/Irritation
Not available.

Serious Eye Damage/Irritation
Causes serious eye irritation.

Respiratory or Skin Sensitization
Not available.

Germ Cell Mutagenicity
Not available.

Carcinogenicity
Not available.

Reproductive Toxicity
Not available.

Routes of Entry
Eye contact Causes serious eye irritation. Ingestion Harmful if swallowed

Symptoms Related to Exposure
Nausea. Diarrhea. Abdominal pain. Back pain. Headache. Lightheadedness. Euphoria. Slurred speech. Tremor. Weakness. Numbness, pain, tingling, or weakness in hands or feet.

Potential Health Effects
Ingestion:Harmful if ingested.Causes irritation.Inhalation:Medical conditions not identified.Skin contact:Severe irritation.Eye contat:Severe irritation or burns

Target Organ(s) Not available.

Section 12: Ecological Information

Ecotoxicity
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistance and Degradability
Not available.

Bioaccumulative Potential
Octanol/water partition coefficient log Kow 1.16

Mobility in Soil
Not available.

Other Adverse Effects
The product contains volatile organic compounds which have a photochemical ozone creation potential.

Section 13: Disposal Considerations

Waste Disposal
Dispose in accordance with all applicable regulations. Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste The waste code should be assigned in discussion between the user, the producer and the wastedisposal company

Disposal of Container
Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. Since emptied containers may retain product residue, follow label warnings even after container is emptied

Other Considerations
Not available.

Section 14: Transport Information

DOT Classification
Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information

Regulations
US federal regulations TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated. CERCLA Hazardous Substance List (40 CFR 302.4) Phenoxyethanol (CAS 122-99-6) Listed. SARA 304 Emergency release notification Not regulated. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052) Not regulated. SARA 302 Extremely hazardous substance Superfund Amendments and Reauthorization Act of 1986 (SARA) Not listed. YesSARA 311/312 Hazardous chemical Acute toxicity (any route of exposure) Serious eye damage or eye irritation Classified hazard categories SARA 313 (TRI reporting) Chemical name % by wt.CAS number Phenoxyethanol 100122-99-6 Other federal regulations Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List Phenoxyethanol (CAS 122-99-6) Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated. Not regulated.Safe Drinking Water Act (SDWA) US state regulations California Proposition 65 US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a)) Phenoxyethanol (CAS 122-99-6)

Other
N/A

Section 16: Other Information

N/A