



# Alpha Chemika



ISO 9001 QUALITY SYSTEM CERTIFIED ORGANIZATION

## MATERIAL SAFETY DATA SHEET

## MSDS

Savgan Heights : 102 ,B Wing ; R.T.D. Lane ,Andheri (West) Mumbai - 400053 , INDIA

### Section 1 - Chemical Product and Company Identification

#### Product Name : 2-PHENOXY ETHANOL

**Synonyms:** Phenoxetol; Phenoxyethyl Alcohol; Arosol; Ethylene Glycol Phenyl Ether

**CAS No.:** 122-99-6

**Molecular Weight:** 138.17

**Chemical Formula:** C<sub>6</sub>H<sub>5</sub>OCH<sub>2</sub>CH<sub>2</sub>

### Section 2 - Composition, Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
2-phenoxy Ethanol	122-99-6	90 - 100%	Yes

### Section 3 - Hazardous Identification

#### Emergency Overview

**WARNING! HARMFUL IF SWALLOWED. CAUSES IRRITATION.**

**SAF-T-DATA<sup>(tm)</sup>** Ratings (Provided here for your convenience)

Health Rating: 2 - Moderate

Flammability Rating: 1 - Slight

Reactivity Rating: 1 - Slight

Contact Rating: 3 - Severe

Lab Protective Equip: GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD; PROPER GLOVES

Storage Color Code: Green (General Storage)

## Potential Health Effects

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### **Inhalation:**

None identified.

### **Ingestion:**

None identified.

### **Skin Contact:**

Severe irritation or burns.

### **Eye Contact:**

Severe irritation or burns.

### **Chronic Exposure:**

No information found.

### **Aggravation of Pre-existing Conditions:**

No information found.

## Section 4 - First Aid Measures

### **Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Prompt action is essential.

### **Ingestion:**

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

### **Skin Contact:**

In case of contact, flush skin with water.

### **Eye Contact:**

In case of eye contact, immediately flush with plenty of water for at least 15 minutes.

## Section 5 - Fire Fighting Measures

### **Fire:**

Flash point: 121C (250F) CC

### **Explosion:**

No information found.

### **Fire Extinguishing Media:**

Use extinguishing media appropriate for surrounding fire.

### **Special Information:**

No information found.

## Section 6 - Accidental Release Measures

Wear self-contained breathing apparatus and full protective clothing. Stop leak if you can do so without risk. Use water spray to reduce vapors. Take up with sand or other non-combustible absorbent material and place into container for later disposal. Flush spill area with water.

## Section 7 - Handling and Storage

Keep container tightly closed. Suitable for any general chemical storage area. Product may solidify at room temperature. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

## Section 8 - Exposure Controls, Personal Protection

### **Airborne Exposure Limits:**

None established.

### **Ventilation System:**

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

### **Personal Respirators (NIOSH Approved):**

For conditions of use where exposure to the substance is apparent and engineering controls are not feasible, consult an industrial hygienist. For emergencies, or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. **WARNING:** Air purifying respirators do not protect workers in oxygen-deficient atmospheres.

### **Skin Protection:**

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

### **Eye Protection:**

Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

## Section 9 - Physical and Chemical Properties

### **Appearance:**

Colorless viscous liquid.

### **Odor:**

Faint aromatic odor.

### **Solubility:**

Moderate (1-10%)

### **Specific Gravity:**

1.11

### **pH:**

No information found.

### **% Volatiles by volume @ 21C (70F):**

N/A

### **Boiling Point:**

245C (473F)

### **Melting Point:**

14C (57F)

### **Vapor Density (Air=1):**

4.76

### **Vapor Pressure (mm Hg):**

Not applicable.

### **Evaporation Rate (BuAc=1):**

No information found.

## Section 10 - Stability and Reactivity

**Stability:**

Stable under ordinary conditions of use and storage.

**Hazardous Decomposition Products:**

No information found.

**Hazardous Polymerization:**

Will not occur.

**Incompatibilities:**

No information found.

**Conditions to Avoid:**

Heat, flame, other sources of ignition.

## Section 11 - Toxicological Information

-----\Cancer Lists\-----	---NTP Carcinogen---		
Ingredient	Known	Anticipated	IARC Category
Ethanol, 2-phenoxy- (122-99-6)	No	No	None

## Section 12 - Ecological Information

**Environmental Fate:** No information found.

**Environmental Toxicity:** No information found.

## Section 13 - Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

## Section 14 - Transport Information

Not regulated.

## Section 15 - Regulatory Information

### -----\Chemical Inventory Status - Part 1\-----

Ingredient	TSCA	EC	Japan	Australia
Ethanol, 2-phenoxy- (122-99-6)	Yes	Yes	Yes	Yes

### -----\Chemical Inventory Status - Part 2\-----

Ingredient	--Canada--	Korea	DSL	NDSL	Phil.
Ethanol, 2-phenoxy- (122-99-6)		Yes	Yes	No	Yes

### -----\Federal, State & International Regulations - Part 1\-----

Ingredient	-SARA 302-		-----SARA 313-----	
	RQ	TPQ	List	Chemical Catg.
Ethanol, 2-phenoxy- (122-99-6)	No	No	No	glycol ether

### -----\Federal, State & International Regulations - Part 2\-----

Ingredient	-RCRA-	-TSCA-
	CERCLA	261.33 8(d)
Ethanol, 2-phenoxy- (122-99-6)	No	No No

Chemical Weapons Convention: No TSCA 12(b): No CDTA: No  
SARA 311/312: Acute: Yes Chronic: Yes Fire: No Pressure: No  
Reactivity: No (Pure / Liquid)

## Section 16 - Additional Information

**NFPA Ratings:** Health: **3** Flammability: **1** Reactivity: **0**

**Label Hazard Warning:**

WARNING! HARMFUL IF SWALLOWED. CAUSES IRRITATION.

**Label Precautions:**

Avoid contact with eyes, skin, clothing.

Keep in tightly closed container. Wash thoroughly after handling.

**Label First Aid:**

If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse.

**Product Use:**

Laboratory Reagent.

**Revision Information:**

No Changes.