

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT & COMPANY IDENTIFICATION

Product Name : Phenoxyethanol  
Supplier Name : MRUCHEM  
220, Siddharth Annexe 2, Sama Savli Road,  
Vadodara, Gujarat, India – 390008,  
Phone no. +91 – 80871 47166

Emergency Phone Number: +91 80871 47166

### 2. HAZARD IDENTIFICATION

#### Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

Acute toxicity, Oral (Category 4), H302

Eye irritation (Category 2), H319

Specific target organ toxicity – Single (Category 3), H335

#### Label elements

#### Labelling according Regulation (EC) No 1272/2008



#### Warning

#### Hazard statement(s)

H302 Harmful if swallowed.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

#### Precautionary statement(s)

P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear eye protection/ face protection.
P284	Wear respiratory protection.
P301 + P312	If SWALLOWED: Call a POISON CENTER/ 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.
P337 + P313	If eye irritation persists: Get medical advice/ attention.

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### 3. COMPOSITION / INFORMATION ON INGREDIANT

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Chemical Description: 2-Phenoxy Ethanol

Chemical Name	CAS No.	Conc. %
Phenoxy Ethanol	122-99-6	100.00

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### 4. FIRST AID MEASURES

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Eye: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: If victim is conscious and alert, give 2-4 cupfuls of water. Get medical aid

Inhalation: Move exposed individual to fresh air. Give oxygen or artificial respiration if needed.

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### 5. FIRE FIGHTING MEASURES

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Extinguisher: Use water spray, dry chemicals, carbon dioxide or appropriate foam.

Special firefighting procedures: As in any fire, wear a self – contained breathing apparatus in Pressure demand MSHA / NIOSH (Approved or equivalent) and full Protective gear.

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### 6. ACCIDENTAL RELEASE MEASURES

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Method of cleaning up: Remove source of ignition, contain spill to smallest area possible. Stop leak if possible. Peak up small spills with absorbent materials like paper towels, oil dry sand. Recover large spills for salvage or disposal. Wash hard surfaces with safety solvent to

Protective clothing: Use proper personal protective equipment as indicated in section 8

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## 7. HANDLING AND STORAGE

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Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation. Keep away From source of ignition. Use with adequate ventilation.

Storage: Store in a cool, dry place. Keep container closed when not in use.

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## 8. EXPOSURE CONTROL & PERSONAL PROTECTION

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Engineering Controls: Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

Personal Protection: For eye and face protection wear chemical workers goggles. For other clothing and equipment, rubber or PVC gloves and protective clothing, an eye wash

Emergency shower should be available. Use fresh clothing, daily take hot Shower after work using plenty of soap. Launder contaminated clothing before reuse.

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## 9. PHYSICAL & CHEMICAL PROPERTIES

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Appearance @ 25°C: Clear liquid

Color APHA max.: 20.00

Odour: Characteristic

Free Phenol ppm max.: 5.00

Other: NA

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## 10. STABILITY & REACTIVITY

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Stability: Stable under normal temperature and pressure

Conditions to avoid: Incompatible materials

Incompatibilities with other materials: Strong oxidizing agents

Hazardous polymerization: Has not been reported

Hazardous decomposition products: irritating and toxic fumes and gases.

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## 11. TOXICOLOGICAL INFORMATION

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**Acute Toxicity:**

LD50 Oral - Rat - male and female - 1.850 mg/kg

LC50 Inhalation - Rat - male and female - 6 h - > 1.000 mg/m<sup>3</sup> - aerosol

#### **Skin corrosion/irritation**

Skin - Rabbit

Result: No skin irritation - 4 h

#### **Serious eye damage/eye irritation**

Eyes - Rabbit

Result: Causes serious eye irritation. - 15 Days

#### **Respiratory or skin sensitization**

Maximization Test - Guinea pig

Result: negative

#### **Germ cell mutagenicity**

Test Type: Ames test

Test system: Escherichia coli/Salmonella typhimurium

Metabolic activation: with and without metabolic activation

#### **Carcinogenicity**

No data available

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## **12. ECOLOGICAL INFORMATION**

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General notes: Do not allow product to reach ground water, water course or sewage system.  
Runoff from fire control or dilution water may cause pollution.

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## **13. DISPOSAL CONSIDERATION**

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Recommended disposal: Dispose of in a manner consistent with federal, state and local regulations.

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## **14. TRANSPORT INFORMATION**

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Department of transportation (DOT): NA

Shipping designation: Not regulated



Transport temperature: Ambient

Loading / unloading temperature: Ambient

Static hazard: Not listed in hazardous chemicals

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## 15. REGULATORY INFORMATION

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Safety, health and environmental regulations/legislation specific for the substance or mixture

This material safety data sheet complies with the requirements of Regulation (EC)  
No.1907/2006.

Risk phrases: N/A

Safety phrases: Avoid contact with skin and eye.

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## 16. OTHER INFORMATION

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INFORMATION IN THIS MSDS IS BASED ON OUR PRESENT KNOWLEDGE;  
HOWEVER IT IS PROVIDED WITHOUT ANY WARRANTY AND SHALL BE USED  
ONLY AS A GUIDE.

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