



## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION:

**PRODUCT CODE** A0383  
**PRODUCT NAME** P-ETHYLPHENOL  
**SUPPLIER** Shanghai M & U International Trade Co., Ltd.  
Rm 1717, No 598 North NuJiang Road  
200333 Shanghai, China  
+86-21-32515501 32515502  
sales@mu-intel.com

**FOR EMERGENCIES CALL CHEMTREC: 800-424-9300 (24-HOURS)**

### 2. HAZARD IDENTIFICATION:

#### Emergency Overview

#### OSHA Hazards

Irritant

#### GHS Classification

Acute toxicity, Oral (Category 5)

Skin corrosion (Category 1C)

Serious eye damage (Category 1)

Acute aquatic toxicity (Category 2)

#### GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

#### Hazard statement(s)

H303 May be harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H401 Toxic to aquatic life.

#### Precautionary statement(s)

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

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 CENTER or doctor/ physician.

#### HMIS Classification

Health hazard 2

Flammability 1

Physical hazards 2

#### NFPA Rating

Health hazard 2

Fire 1  
Reactivity Hazard 0

**Potential Health Effects**

Inhalation May be harmful if inhaled. Causes respiratory tract irritation.  
Skin May be harmful if absorbed through skin. Causes skin irritation  
Eyes Causes eye irritation.  
Ingestion May be harmful if swallowed

**3. COMPOSITION AND INFORMATION ON INGREDIENTS:**

**Formula** C8 H10 O  
**Molecular Weight** 122.16 g/mol

CAS-No	EC-No	Index-No.	Concentration
123-07-9	204-598-6		

**4. FIRST-AID GUIDE:**

**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**5. FIRE-FIGHTING GUIDE:**

**Conditions of flammability**

Not flammable or combustible.

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for fire-fighters**

Wear self contained breathing apparatus for fire fighting if necessary.

**Hazardous combustion products**

Hazardous decomposition products formed under fire conditions.- Carbon oxides.

**6. ACCIDENTAL RELEASE GUIDE:**

**Personal precautions**

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Methods and materials for containment and cleaning up**

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

**7. HANDLING AND STORAGE:****Precautions for safe handling**

Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed.

**Conditions for safe storage**

Keep container tightly closed in a dry and well-ventilated place.

**8. EXPOSURE AND PERSONAL PROTECTION:**

Contains no substances with occupational exposure limit values.

**Personal protective equipment:****Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

**Hand protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Eye protection**

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin and body protection**

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**9. PHYSICAL AND CHEMICAL PROPERTIES:****Appearance**

Form SOLID/CRYSTALS  
Color WHITE TO BROWN  
(Material darkens upon exposure to light, air and heat.)

**Safety data**

Melting point (°C) 41  
Boiling point (°C) 218  
Flash point (°F) Closed cup >200  
Vapor pressure (mmHg@20°C) 13  
Density @25 °C no date available  
Water solubility no date available  
Relative vapor density no date available  
Odor CHARACTERISTIC

**10. STABILITY AND REACTIVITY:**

**Chemical stability**

Stable under recommended storage conditions.

**Materials to avoid**

Acid chlorides, Acid anhydrides, oxidizing agents.

**Hazardous decomposition products**

Hazardous decomposition products formed under fire conditions. - Carbon oxides

**11. TOXICOLOGICAL INFORMATION:**

**Acute toxicity**

**Oral LD50** - rat - > 2,000 mg/kg

**Dermal LD50** - rat - > 5,000 mg/kg

**Other information on acute toxicity**

LD50 Intraperitoneal-mouse-138 mg/kg

**Specific target organ toxicity - single exposure (Globally Harmonized System)**

Inhalation- May cause respiratory irritation.

**Carcinogenicity**

IARC:

No component of this product present at levels greater than or equal to 0.1% is identified as Probable, possible or confirmed human carcinogen by IARC.

ACGIH:

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP:

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA:

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Specific target organ toxicity - single exposure (Globally Harmonized System)**

Inhalation - May cause respiratory irritation.

**Potential health effects**

Inhalation May be harmful if inhaled. Causes respiratory tract irritation.  
Ingestion May be harmful if swallowed.  
Skin May be harmful if absorbed through skin. Causes skin irritation.  
Eyes Causes eye irritation.

**Signs and Symptoms of Exposure**

Depending on the intensity and duration of exposure, effects may vary from mild irritation to severe destruction of tissue, prolonged or repeated exposure can cause damage to the eyes. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Additional Information**

RTECS: SL4040000

**12. ECOLOGICAL INFORMATION:****Toxicity**

Toxicity to fish LC50-Pimephales promelas(fathead minnow)-10.4 mg/l- 96 h  
Toxicity to daphnia EC50-Daphnia magna (Water flea)- 5.7 mg/l - 48h  
and other aquatic invertebrates.

**Other adverse effects**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life.

**13. DISPOSAL RECOMMENDATIONS:****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber

**Contaminated packaging**

Dispose of as unused product.

**14. TRANSPORTATION INFORMATION:****DOT (US)**

UN number:2430 Class: 8 Packing group: III  
Proper shipping name: ALKYLPHENOLS, SOLID, N.O.S.

**IMDG**

UN number:2430 Class: 8 Packing group: III  
Proper shipping name: ALKYLPHENOLS, SOLID, N.O.S.

**IATA**

UN number:2430 Class: 8 Packing group: III  
Proper shipping name: ALKYLPHENOLS, SOLID, N.O.S.

## 15. REGULATORY INFORMATION:

### OSHA Hazards

Irritant

### SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### SARA 311/312 Hazards

Acute Health Hazard.

### Massachusetts Right To Know Components

4-Ethylphenol	CAS-No.	Revision Date
	123-07-9	

### Pennsylvania Right To Know Components

4-Ethylphenol	CAS-No.	Revision Date
	123-07-9	

### New Jersey Right To Know Components

4-Ethylphenol	CAS-No.	Revision Date
	123-07-9	

### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## 16. OTHER INFORMATION:

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond M&U's control, it is the responsibility of the user both to determine safe conditions for use of this product and to assume liability for loss, damage, or expense arising out of the products improper use. No warranty expressed or implied regarding the product described herein will be created by or inferred from any statement or omission in the MSDS. Various federal, state, or provincial agencies may have specific regulations concerning the transportation, handling, storage, use, or disposal of this product which may not be reflected in the MSDS. The user should review these regulations to ensure full compliance.