

# MSDS for N-Ethyl-o/p-toluenesulfonamide

**Product Name:** N-Ethyl-o/p-toluenesulfonamide

**Synonyms:** N-Ethyl-o/p-toluenesulfonamide, N-ethyl-O/PTSA

| MANUFACTURER:  | EMERGENCY TELEPHONE NUMBERS:                       |
|--|--|
| Chemfar Holding Ltd.   |  |
| 16E,Huarong Times Mansion,<br>No.3880 Jiangnan Avenue, Binjiang<br>District, Hangzhou, China | <b>Emergency Telephone Number: 86-571-86772793</b> |
|  |  |
|  | <b>Telephone Number for Information:</b>           |
|  | 86-571-86772815                                    |
|  |  |

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Components</u>              | <u>%<br/>(optional)</u> | <u>OSHA PEL</u>    | <u>ACGIH TLV</u>   | <u>CAS NO.</u>       |
|--------------------------------|-------------------------|--------------------|--------------------|----------------------|
| N-Ethyl-o/p-Toluenesulfonamide | > 99%                   | Not<br>Established | Not<br>Established | 1077-56-1<br>80-39-7 |

## 3. HAZARDS IDENTIFICATION

Emergency Overview: Do not breathe vapors; do not ingest; avoid contact with skin, eyes, or clothing. Wash thoroughly after handling; do not eat, drink, or smoke in work areas.

Potential Health Effects: May cause skin irritation. Inhalation of mist may cause irritation to the respiratory tract.

Eye Contact: May cause burning sensation, irritation accompanied with pain and corneal or conjunctival ulceration in severe cases.

Skin Contact: May cause irritation, stinging, redness, and some swelling.

Ingestion: May cause severe burning in the mouth and digestive tract.

Chronic: None known.

#### **4. FIRST AID MEASURES**

Inhalation: Remove to fresh air if coughing, soreness in respiratory tract, chest tightness, or difficulty in breathing occurs.

Eye Contact: Immediately flush with large quantities of water for at least 15 minutes, while holding the eyelids open. Do not attempt to neutralize with chemical agents. Contact a physician if irritation persists.

Skin Contact: Immediately remove contaminated clothing and flush area with large quantities of water for at least 15 minutes. Contact a physician if irritation persists.

Ingestion: If patient is conscious, give several glasses of water for dilution effect and contact a physician. Do not induce vomiting. Do not give an unconscious person anything by mouth.

#### **5. FIRE FIGHTING MEASURES**

Flash Point: 345°F (174° C) Cleveland Open Cup

General Hazard: Treat as burning oil.

Fire Fighting Instructions: Extinguishing media--water fog or spray; carbon dioxide; foam; or earth and mud.

Hazardous Combustion Products: Burning of material may release toxic oxides of Carbon, Nitrogen, and Sulfur.

#### **6. ACCIDENTAL RELEASE MEASURES**

Land Spill: Evacuate area of nonessential personnel. Ventilate area as required. Prevent spill from entering drinking water supplies or streams.

Water Spill: Remove product layered on water by mechanical means. Place spill in appropriate container for disposal in approved facilities.

## 7. HANDLING AND STORAGE

Storage Temperature: Ambient Storage Pressure: Pressureless

General: Store in cool, dry, and well-ventilated area. Keep containers closed.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls: Control to comfort level.

Personal Protection: Splash-proof goggles with rubber, PVC, or impervious chemical gloves.

Respirator: None required. Use NIOSH organic vapor cartridge respirator for remediation of large spills.

Protective Clothing: Impervious chemical clothing for remediation of large spills.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                       |                              |                           |                                   |
|-----------------------|------------------------------|---------------------------|-----------------------------------|
| Vapor Pressure :      | <u>10 mm Hg @ 196° C</u>     | Vapor Density (Air = 1) : | <u>ND</u>                         |
| Specific Gravity :    | <u>1.181</u>                 | Evaporation Rate :        | <u>&lt; 1 (Butyl Acetate = 1)</u> |
| Solubility in Water : | <u>Practically insoluble</u> | Pour Point :              | <u>- 10° C or + 14° F Typical</u> |
| pH :                  | <u>7 - 9</u>                 | Odor :                    | <u>None</u>                       |
| Boiling Point :       | <u>196° C at 10 mm Hg</u>    | Appearance :              | <u>Clear, yellow, viscous</u>     |
| Viscosity :           | <u>≥250 cps</u>              |                           | <u>liquid</u>                     |
|                       |                              | Physical State :          | <u>Liquid</u>                     |

## 10. STABILITY AND REACTIVITY

General: Stable

Incompatible Materials and Conditions to Avoid: None known.

Hazardous Decomposition: None known.

## 11. TOXICOLOGICAL INFORMATION

None established. Not listed as a carcinogen by ACGIH, NTP, IARC or OSHA.

## 12. ECOLOGICAL INFORMATION

None known.

## 13. DISPOSAL CONSIDERATIONS

This product is registered by TSCA. The product should be incinerated, according to state Federal regulations.

## 14. TRANSPORT INFORMATION

### ADR/RID

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

## 15. REGULATORY INFORMATION

This product is registered by TSCA. This product is not hazardous as defined by OSHA (29 CFR 1910.1200).

## 16. OTHER INFORMATION

N-Ethyl-o/p-Toluenesulfonamide is not listed by IARC, ACGIH, NPR or OSHA as a carcinogen.