

# MATERIAL SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Uniplex 108

**Synonyms:** N-Ethyl-o/p-Toluenesulfonamide

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### EMERGENCY TELEPHONE NUMBERS:

Unitex Chemical Corporation  
520 Broome Road  
P.O. Box 16344  
Greensboro, NC 27406

Emergency Telephone Number: CHEMTREC 1 (800) 424-9300  
International 1 (703) 527-3887  
Telephone Number for Information:  
(336) 378-0965 (Monday - Friday 8:00 a.m. - 5:00 p.m.)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Components</u>	<u>% (optional)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>CAS NO.</u>
N-Ethyl-o/p-Toluenesulfonamide			Not Established	1077-56-1 80-39-7 8047-99-2

## 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.

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#### **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.

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#### **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.

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#### **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.

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#### **7. HANDLING AND STORAGE**

Storage Temperature: Ambient                      Storage Pressure: Pressureless

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

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#### **8. EXPOSURE CONTROL/PERSONAL PROTECTION**

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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.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Vapor Pressure	: <u>10 mm Hg @ 196°C</u>	Vapor Density (Air = 1)	: <u>ND</u>
Specific Gravity	: <u>1.19</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>Characteristic</u>
Boiling Point	: <u>196°C at 10 mm Hg</u>	Appearance	: <u>Clear, oily liquid with no suspended matter</u>
Viscosity	: <u>200-300 cps</u>	Physical State	: <u>Liquid</u>

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**10. STABILITY AND REACTIVITY**

General: Stable

Incompatible Materials and Conditions to Avoid: None known.

Hazardous Decomposition: None known.

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**11. TOXICOLOGICAL INFORMATION**

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

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**12. ECOLOGICAL INFORMATION**

None known.

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**13. DISPOSAL CONSIDERATIONS**

**Product Name: Uniplex 108**

This product is registered by TSCA, DSL, EINEC, ENCS, ECL, PICCS, and AICS. The product should be incinerated, according to state Federal regulations.

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**14. TRANSPORT INFORMATION**

Nonhazardous; not regulated by DOT.

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**15. REGULATORY INFORMATION**

This product is registered by TSCA, DSL, EINEC, ENCS, ECL, PICCS, and AICS. This product is not hazardous as defined by OSHA (29 CFR 1910.1200).

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**16. OTHER INFORMATION**

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

MSDS Status: Update to ANS1Z400.1-1003 format.

	HAZARD RATINGS	
	NFPA	HMIS
Health	1	1
Flammability	1	1
Reactivity	1	1

Revision Summary:

2/5/92 - G. Hooper

10/23/96 - J. Day

1/26/98 - J. Day

8/3/98 - J. Day (Area Code Chg.)

2/22/01 - J. Day

3/18/02 - J. Day CAS addition

1/23/03 - J. Day (Chg Section 9 - viscosity, odor, appearance)

6/23/09 – D.Young