

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Uniplex 80

Synonyms: Triethylcitrate, TEC

MANUFACTURER:

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

EMERGENCY TELEPHONE NUMBERS:

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>
Triethylcitrate	> 99%	Not Established		77-93-0

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. This material is FDA approved under 21 CFR 175.320.

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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.

5. FIRE FIGHTING MEASURES

Flash Point: 303°F (151°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: Oxides of Carbon.

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

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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	: 1mm at 107°C	Vapor Density (Air = 1)	: ND
Specific Gravity	: 1.136	Evaporation Rate	: ND
Solubility in Water	: Slightly soluble	Freezing Point	: NA
pH	: NA	Odor	: Characteristic
Boiling Point	: 260°C	Appearance	: Clear, colorless liquid
Viscosity	: ND	Physical State	: Liquid

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 IARC, ACGIH, NTP, 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.

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14. TRANSPORT INFORMATION

Nonhazardous; not regulated by DOT.

15. REGULATORY INFORMATION

This product is registered by TSCA. Uniplex 80 is not a hazardous substance as defined by OSHA (20 CFR 1910.1200).

16. OTHER INFORMATION

No specific notes.

MSDS Status: Update to ANS1Z400.1-1993 format.

	HAZARD RATINGS	
	NFPA	HMIS
Health	1	1
Flammability	1	1
Reactivity	0	0

Revision Summary:

1/26/98 - J. Day

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

5/11/04 – J. Day

6/23/09- D.Young