

MSDS - Material Safety Data Sheet

I. Basic Information:

Manufacturer: U.N.X. INCORPORATED
Address: 707 ARLINGTON BLVD.
City, ST Zip: GREENVILLE, NC 27858
Country: USA

Contact: AMENDT; WILSON
Information Telephone Number: 252-756-8616
Emergency Contact: CHEMTEL
Emergency Telephone Number: 800-255-3924
Emergency Restrictions:

Product Name: UNITERGE
MSDS No.: 294

Issue Date: 08/30/2006
Supersedes Date: 04/27/2006

II. Hazards Identification:

EMERGENCY OVERVIEW

INHALATION, CAN IRRITATE NOSE, THROAT, AND LUNGS.
 SKIN CONTACT, CAN IRRITATE OR CHAP SKIN.
 INGESTION, WILL CAUSE GASTRIC DISTRESS, VOMITING AND DIARRHEA.

OSHA Regulatory Status

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product.

Potential Health Effects

Route(s) of Entry:

SKIN, EYES, INHALATION

Health Hazards (Acute and Chronic):

PRODUCT CAN IRRITATE SKIN. EYE CONTACT CAN CAUSE BURNING AND EXTREME IRRITATION.

Signs and Symptoms:

INHALATION, CAN IRRITATE NOSE, THROAT, AND LUNGS.
 SKIN CONTACT, CAN IRRITATE OR CHAP SKIN.
 INGESTION, WILL CAUSE GASTRIC DISTRESS, VOMITING AND DIARRHEA.

Medical Conditions Generally Aggravated by Exposure:

NONE KNOWN

Other Health Warnings:

NONE

Potential Environmental Effects

Not Available

III. Composition/Information on Ingredients:

Chemical Name	CAS No.	% Range	Trade Secret
2-Butoxyethoxy-2-ethanol	112345	20-30	
Monochlorotoluene	25168052	20-30	
PSRN57948000-5001P	TradeSecret	20-30	
Water	7732185	30-40	

IV. First Aid Measures:

Emergency and First Aid Procedures:

FOR SKIN, FLUSH THOROUGHLY WITH SOAP AND WATER.
 FOR EYES, FLUSH WITH WARM WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN.
 IF INGESTED, DRINK LARGE VOLUMES OF WATER FOLLOWED BY MILK THEN INDUCE VOMITING. CALL PHYSICIAN.

Note to Physicians:

EYES, FLUSH WITH WATER.
 INGESTION, INDUCE VOMITING.

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V. Fire Fighting Measures:

Suitable Extinguishing Media:

DRY CHEMICAL; CARBON DIOXIDE FOAMER; OR WATER FOG

Unsuitable Extinguishing Media:

NONE KNOWN

Products of Combustion:

SULFUR OXIDES, CARBON DIOXIDE, CARBON MONOXIDE, AMMONIA, NITROUS OXIDES, HYDROGEN CHLORIDE.

Protection of Firefighters:

USE NIOSH/MSHA APPROVED SELF CONTAINED BREATHING APPARATUS WHERE PRODUCT IS INVOLVED IN FIRE.

VI. Accidental Release Measures:

Personal Precautions:

RUBBER GLOVES SHOULD BE WORN.
SAFETY GOGGLES SHOULD BE WORN.

Environmental Precautions:

AVOID DISCHARGE TO NATURAL WATERS.

Methods for Containment:

DIKE; APPROVED PLASTIC CONTAINERS

Methods for Cleanup:

CLEAN UP WITH FLOOR ABSORBANT MATERIALS. FLUSH RESIDUES TO SEWER WITH WATER.

Other Information:

Not Available

VII. Handling and Storage:

Handling Precautions:

KEEP CONTAINER CLOSED.

Storage Precautions:

STORE IN COOL DRY AREA. AVOID OPEN FLAME

VIII. Exposure Controls/Personal Protection:

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Monochlorotoluene	50ppm	50ppm	Not Available
PSRN57948000-5001P	Not Available	Not Available	Not Available
Water	Not Available	Not Available	Not Available
2-Butoxyethoxy-2-ethanol	35ppm	Not Available	Not Available

Engineering Controls:

AVOID BREATHING MIST. IF EXPOSURE IS LIKELY, USE FILTER OR PROTECTIVE RESPIRATOR. MECHANICAL VENTILATION IS ACCEPTABLE.

Personal Protective Equipment:

RUBBER GLOVES SHOULD BE WORN.
SAFETY GOGGLES SHOULD BE WORN.
OTHER PROTECTIVE MEASURES: HAVE AN EYE BATH AND SAFETY SHOWER CLOSE BY. IF POTENTIAL FOR SKIN CONTACT, WEAR PROTECTIVE GLOVES AND HAVE A HAND WASH AREA NEAR BY (ie. SOAP SOLUTION.).
WORK/HYGIENIC PRACTICES: WASH HANDS, CHANGE OUT OF CLOTHES AS SOON AS POSSIBLE. WASH CLOTHES. SHOWER OR BATHE AS SOON AS POSSIBLE.

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IX. Physical and Chemical Properties:

Boiling Point: 170°C

Boiling Range: NO DATA

Solubility In Water: POOR, HOT WATER REQUIRED

Flash Point: 43°C

Odor Threshold: NO DATA

Vapor Density (AIR = 1): 4.8

pH Range: 4.1 - 10

Decomposition Temp: NO DATA

Lower Explosive Limit: AP 0.8%

Specific Gravity (H2O = 1): 1.02100

Other Information: THIS PRODUCT CONTAINS NO PHOSPHATES.

Melting Point: -25°C

Freezing Point: 0°C

Evaporation Rate (Butyl Acetate = 1): 0.21

Flash Point Method: TCC

Appearance and Odor:

Vapor Pressure (mm Hg.): 2.9

Partition Coefficient: NO DATA

Auto-Ignition Temp: NO DATA

Upper Explosive Limit: AP 6.0%

X. Stability and Reactivity:

Stability:

STABLE

Conditions to Avoid:

COLD WATER

Incompatible Materials:

OXIDIZERS AND REDUCERS, OPEN FLAME

Hazardous Decomposition Products:

CARBON DIOXIDE, CARBON MONOXIDE

Possibility of Hazardous Reactions:

HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

XI. Toxicological Information:

CONTACT U.N.X. INCORPORATED

XII. Ecological Information:

CONTACT U.N.X. INCORPORATED

XIII. Disposal Considerations:

WASTE DISPOSAL METHODS: INCINERATE IN FURNACE WHERE PERMITTED. DISPOSE OF IN SANITARY LANDFILL, IF ALLOWED.

XIV. Transport Information:

Shipping Name: COMBUSTIBLE LIQUID, N.O.S., (MONOCHLOROTOLUENE)

DOT Hazard Class: 3

UN/NA#: NA 1993

Transportation Information:

NA 1993

DOT HAZARD CLASS: 3

PG: III

PROPER SHIPPING NAME: COMBUSTIBLE LIQUID, N.O.S., (MONOCHLOROTOLUENE)

DOT Subsidiary Hazard Class: Not Available

MSDSPackGroup: III

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XV. Regulatory Information:

UNLESS OTHERWISE NOTED, NO COMPONENTS ARE SARA TITLE 3 SECTION 313 40 CFR LISTED MATERIALS.
 THE INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY.
 THIS PRODUCT IS NOT MADE WITH VOC'S THAT COULD CAUSE DAMAGE TO THE OZONE LAYER.

XVI. Other Information:

Chemical State: Liquid Gas Solid
Chemical Type: Pure Mixture
Hazard Category:
 Acute Chronic Fire
 Pressure Reactive



Additional Manufacturer Warnings:

Not Available

1	Health
2	Flammability
1	Physical Hazard
H	Pers. Protection

Additional Product Information:

SOLVENT DETERGENT