

Material Safety Data Sheet

May be used to comply with
 OSHA's Hazard Communication Standard
 29 CFR 1910. 1200. Standard must be
 consulted for specific requirements.

Identity (As Used on Label and List)

ChemRite® Electric Contact Cleaner (Bulk)

Utex Style 1046

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U.S. Department of Labor

Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

Note: Blank spaces are not permitted. If any item is not applicable,
 or no information is available, the space must be marked to
 indicate that.

Date Prepared: June 17, 1998

SECTION I**Manufacturer's Information:**

Utex Industries, Inc.
 10810 Old Katy Road, Suite 100
 Houston, Texas 77043

Telephone No. (Information): 713-467-1000 / 800-359-9229

~~**24 Hour Emergency No. (Chem-Tel, Inc.):** 800-255-3924~~

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Ethylene Trichloride (CAS# 79-01-6) N/E-None established	100 ppm	50 ppm	N/E	100

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	188°F	Specific Gravity (H₂O = 1):	1.45 @ 25/25°C
Vapor Pressure (mm Hg):	58 mm Hg @ 20°C	Melting Point:	No data
Vapor Density (AIR = 1):	No data	Evaporation Rate (Butyl Acetate = 1):	No data
Solubility in Water: 0.1g/100g 25°C		Percent Volatile:	100.0% Wt. Max
Appearance and Odor: Colorless clear liquid; mildly sweet odor			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None (TCC)	Flammable Limits 8.0%-10.5% in air @ 25°C	LEL- No data	UEL- No data
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Extinguishing Media:

For warehouse and storage conditions, use NFPA Class B extinguishers (CO₂, dry chemical, or universal aqueous film forming foam.)

Special Fire Fighting Procedures:

Use water spray to cool fire exposed containers for containers can rupture violently from heat developed pressure.

Unusual Fire and Explosion Hazards:

Firemen should wear self-contained breathing apparatus. Concentrated vapors can be ignited by high intensity energy sources.

SECTION V - REACTIVITY DATA

Stability: Stable	Conditions to Avoid: Heat, sparks, flame, red-hot metal
Incompatibility (Materials to Avoid): Strong oxidizing materials	
Hazardous Decomposition or Byproducts: Oxides of carbon, HCl fumes and possible minute traces of phosgene.	
Hazardous Polymerization: Will Not Occur	

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation? X	Skin? X	Ingestion? X
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Health Hazards (Acute and Chronic): Do not take internally. Avoid contact with skin and eyes. Vapor harmful. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

HMIS Ratings:	Health-2	Fire-1	Reactivity-0	Protective Equipment-B
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Carcinogen Data:
The ACGIH has classified Ethylene Trichloride in category A5 as an agent not suspected as a human carcinogen. The State of California has listed Ethylene Trichloride under Proposition 65 as a chemical known to the State to cause cancer.

NTP? No	IARC Monographs? No	OSHA Regulated? No
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Signs and Symptoms of Exposure:

Eye: Liquid or vapors may cause redness, burning, tearing, swelling and/or pain.

Skin: Frequent or prolonged contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Ingestion: May cause irritation to membranes of the mouth, throat, and gastrointestinal tract, resulting in vomiting and/or cramps.

Inhalation: Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, or confusion.

Medical Conditions Generally Aggravated by Exposure:

Skin contact may aggravate an existing dermatitis. Other conditions unknown.

Emergency and First Aid Procedures:

Eye: Immediately flush with plenty of clear water for at least 15 minutes. Make sure to flush under the eyelids. Consult a physician for definitive treatment.

Skin: Remove with soap and water. Continue flushing with water for several minutes. Use skin cream to counter resulting dryness. Consult a physician if irritation continues or if large skin area is affected.

Ingestion: Do not induce vomiting! Drink a glass of water or milk to dilute. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled:

Containment Procedures: Create a dike or trench to contain materials. Spill materials may be absorbed using sand, clay, or commercial absorbent. Do not place spill materials back in their original container. Containerize and label all spill materials properly.

Spill Cleanup: Dispose of per guidelines under this section, "Waste Disposal Method."

Waste Disposal Method:

When disposing of the unused contents, the preferred options are to send to a licensed reclaimer, or to permitted incinerators. Any disposal practice must be in compliance with local, state, and federal laws and regulations. (Contact local or state environmental agency for specific rules.) Do not dump into sewers, on the ground, or into any body of water.

Precautions to Be Taken in Handling and Storing:

For storage of flammable materials, conform to NFPA 30 Flammable and Combustible Liquids. **EMPTY CONTAINER WARNING:** Empty containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

Other Precautions: No data

SECTION VIII - CONTROL MEASURES

Exposure Guideline:

Since this product is a mixture, an OSHA or ACGIH exposure value is not available. In determination of any exposure procedures, protection or testing, use the lowest rated ingredient from Section II.

Respiratory Protection (*Specify Type*):

Atmospheric Levels should be maintained below the exposure guideline. When respiratory protection is required, an appropriate NIOSH approved respirator for organic vapor should be worn. If respirators are needed, a program must be established to assure compliance with OSHA standard 29 CFR 1910.134.

Ventilation:

Local Exhaust: Local exhaust ventilation or an enclosed handling system may be needed to control air contamination below that of the lowest TLV/PEL rated ingredient from Section II.

Mechanical (General): General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions.

Skin Protection:

For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing such as Sol-Vex® gloves.

Eye Protection:

Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling.

~~Where eye contact could occur, chemical splash-proof goggles are recommended.~~

Other Protective Clothing or Equipment:

Clothing impervious to the ingredients listed in Section II.

Work/Hygienic Practices:

No data.

SECTION IX - TOXICOLOGICAL INFORMATION

ACUTE ORAL LD50:	>5 g/kg (rat) - based on similar material
ACUTE DERMAL LD50:	No data
ACUTE INHALATION LC50:	8000 ppm/4h (rat)

SECTION X - ECOLOGICAL INFORMATION

This product has not been tested for environmental effects.

SECTION XI - TRANSPORTATION INFORMATION

DOT HM-181 INFORMATION

Proper Shipping Name:	Trichloroethylene
Hazard Class or Division:	6.1
Identification Number:	UN1710
Packaging Group:	III
Label(s) Required:	Keep away from food.

INTERNATIONAL TRANSPORTATION REGULATIONS

Proper Shipping Name:	Trichloroethylene
Class or Division:	6.1
Subsidiary Risk:	---
Hazard Label(s):	Keep away from food.
Packaging Group:	III
UN or ID Number:	UN1710

NATIONAL MOTOR FREIGHT CLASSIFICATION

Item:	48988
Article:	Compounds, Cleaning
Class:	55

SECTION XII - REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT: *All of the ingredients in this product are on the TSCA inventory.*

SARA TITLE III, SECTION 313: The following ingredients are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: *Ethylene Trichloride (100%)*

CLEAN AIR ACT (CAA): The following ingredients appear on the List of Hazardous Air Pollutants (HAP - 42 USC 7412, Title I, Part A, p112): *Ethylene Trichloride*

CLEAN WATER ACT (CWA): The following ingredients appear on the CWA List of Hazardous Substances (40 CFR 116.4): *Ethylene Trichloride*

CALIFORNIA PROPOSITION 65: The following ingredients appear on the Proposition 65 list(s): *Ethylene Trichloride (C)*

DISCLAIMER: The information contained herein is based upon data provided to us by our suppliers, and reflects our best judgment. However, no warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data, or the results to be obtained from the use thereof, since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of such application. This information is furnished upon the condition that the persons receiving it shall make their own determination of the suitability of the material for any particular purpose.