

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® Silicone Lubricant (Bulk)

Utex Style 1270

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 18, 1998

ChemRite® is a registered tradename of Utex Industries, Inc.

SECTION I**Manufacturer's Name:**

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)
Hexane (CAS #110-54-3)	500 ppm	50 ppm	N/E	80-90
Dimethylpolysiloxane (CAS #63148-62-9)	N/E	N/E	N/E	N/E

N/E = None Established

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	No Data	Specific Gravity (H₂O = 1):	Below 1.0
Vapor Pressure (mm Hg):	Greater than air	Melting Point:	No data
Vapor Density (AIR = 1):	Above 1.0	Evaporation Rate (Butyl Acetate = 1):	No data
Solubility in Water:	Negligible	Percent Volatile:	87.0% Max. Wt.

Appearance and Odor: Clear colorless liquid with a slight petroleum odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): Approx. 60°F (TCC) **Flammable Limits:** LEL 1.4% UEL 7.5%

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: Warning Extremely Flammable. Clear fire area of unprotected personnel. Use water spray to cool fire exposed containers for containers can rupture violently from heat developed pressure.

Unusual Fire and Explosion Hazards: When liquid or vapor comes into contact with flames or red hot metal, products of combustion will be created. Firemen should wear self-contained breathing apparatus. Product will float and can be reignited on surface of water.

SECTION V - REACTIVITY DATA

Stability: Unstable Stable X **Conditions to Avoid:** Heat, sparks, flame, red hot metal

Incompatibility (Materials to Avoid): Strong oxidizing materials

Hazardous Decomposition or Byproducts: Oxides of carbon

Hazardous Polymerization: Will Not Occur

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation?	X	Skin?	X	Ingestion?	X
Health Hazards (Acute and Chronic)	Extremely flammable. 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 - 1	Fire - 3	Reactivity - 0	Protective Equipment - B		
Carcinogenicity:	NTP? No	IARC Monographs? No		OSHA Regulated? No		
Medical Conditions Generally Aggravated by Exposure:	Skin contact may aggravate an existing dermatitis. Others unknown.					

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.

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. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled: Warning--Flammable. Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking. Evacuate hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike and contain. If vapor cloud forms, water fog may be used to suppress; contain run-off. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand, or other suitable material. Do not use combustible materials such as sawdust as an absorbent. Place in approved safety containers for proper disposal. **Reporting Requirements:** Comply with all local, state, and federal regulations.

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 in 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 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 government regulations.

Other Precautions: Prevent skin contact

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.

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 with this material 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: Hexane >25 ml/kg (rat)

ACUTE DERMAL LD50: Hexane >5 ml/kg (rabbit)

ACUTE INHALATION LC50: Hexane 73680 ppm/6h (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: Hexanes
Hazard Class or Division: 3
Identification Number: UN1208
Packaging Group: II
Label(s) Required: Flammable Liquid

INTERNATIONAL TRANSPORTATION REGULATIONS

Proper Shipping Name: Hexanes
Class or Division: 3
Subsidiary Risk: No data
Hazard Label(s): Flammable Liquid
Packaging Group: II
UN or ID Number: UN1208

NATIONAL MOTOR FREIGHT CLASSIFICATION

Item: 50303
Article: Compounds, Lubricating
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: *None*

CLEAN AIR ACT (CAA): The following ingredients appear on the List of Hazardous Air Pollutants (HAP - 42 USC 7412, Title 1, Part A, p112): *Hexane*

CLEAN WATER ACT (CWA): The following ingredients appear on the CWA List of Hazardous Substances (40 CFR 116.4): *None*

CALIFORNIA PROPOSITION 65: The following ingredients appear on the Proposition 65 list(s): *None*

CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS): The following ingredients are listed: *Hexane*

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.