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.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

Identity *(As Used on Label and List)*

ChemRite® Wire Rope and Cable Lubricant- (Aerosol)

Utex Style 5336

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 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)
n-Hexane (CAS# 110-54-3)	500	50	N/E	40-45
Liquefied Petroleum Gas (CAS# 68476-85-7)	1000	1000	N/E	30-35
Hydrotreated Heavy Petroleum Naphthenic Distillate (CAS# 64742-52-5)	5[1]	5[1]	N/E	10-15
Asphalt (CAS# 8052-42-4)	5[1]	5[1]	N/E	5-10
Quaternary Ammonium Compounds (CAS# 68911-87-5)	0.1[2]	0.1[2]	N/E	<5
Petroleum Residues (CAS# 64741-45-3)	5[1]	5[1]	N/E	<5
Hydrotreated Light Petroleum Distillate (CAS# 64742-47-8)	5[1]	5[1]	N/E	<5
Lithium Complex Soap (Trade Secret)	N/E	N/E	N/E	<5
Hydrotreated Heavy Petroleum Paraffinic Distillate (CAS# 64742-54-7)	5[1]	5[1]	N/E	<1
Zinc Compounds (CAS# 12001-85-3)	N/E	N/E	N/E	<1
Molybdenum Disulfide (CAS# 1317-33-5)	10[2]	10[2]	N/E	<1

[1] Listed Values (mg/m³) for Oil Mist **[2] Listed Values (mg/m³) for Nuisance Dust** **N/E = None Established**

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	Propellant <0°F	**Specific Gravity (H_2O = 1):**	Below 1.0
Vapor Pressure (mm Hg):	No data	**Melting Point:**	No data
Vapor Density (AIR = 1):	Above 1.0	**Evaporation Rate (Butyl Acetate = 1):**	No data
Solubility In Water:	Negligible	**Percent Volatile:**	70.0% Wt. Max

Appearance and Odor: Black fluid, asphalt/petroleum odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): In container, propellant is less than 0°F (TCC). Flash point of liquid content once expelled from can is approximately 10°F (TCC).

Flammable Limits: **Propellant:** LEL--No Data UEL--No Data **Liquid:** LEL--1.0% UEL--7.0%

Extinguishing Media: For warehouse and storage conditions, use NFPA Class B extinguishers (CO_2, dry chemical, or universal aqueous film forming foam).

Special Fire Fighting Procedure: Use water spray to cool fire exposed aerosol containers for containers can rupture violently from heat developed pressure.

Unusual Fire and Explosion Hazards: Contents are extremely flammable and under pressure. In addition, when liquid or vapor comes into contact with flames or red hot metal, products of combustion will be created. Fire-men should wear self-contained breathing apparatus.

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

Hazardous Polymerization: Will Not Occur

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Skin? **X** Ingestion? **X** Inhalation? **X**

Health Hazards (Acute and Chronic):

Contents Extremely Flammable and Under Pressure. Store below 120°F, out of sunlight and away from heat sources. Do not puncture or incinerate. 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: NPT? No IARC Monographs? No OSHA Regulated? No

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: Due to being an aerosol, product does not lend itself to ingestion. Should ingestion occur, it 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. Others unknown.

Emergency and First Aid Procedures:

Eye: Immediately flush with plenty of clear water for at least 15 minutes. Make sure to flush under 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: Unlikely due to being in aerosol form. Should actual ingestion occur, 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:

Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Remove all sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.

Waste Disposal Method:

An aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled), it must be managed under all applicable RCRA and state regulations.

Precautions to Be Taken in Handling and Storing:

Avoid prolonged or repeated skin contact. Avoid breathing vapors. Store in area below 120°F. Do not incinerate (burn) containers. Assure can is in a secure place to prevent knocking over and accidental rupture. Always replace overcap when not in use. For storage of pallet quantities, compliance with ANSI/NFPA 30B is recommended.

Containment Procedures: Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content should be contained as any other solvent spill.

Special Instructions: Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture, contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilation provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned.

Reporting Requirements: Spills due to the rupture of a single aerosol can are generally below any regulatory reporting requirements. However, if larger spills somehow result, the reporting requirements of the EPA and other local, state and federal agencies should be observed.

SECTION VIII - CONTROL MEASURES

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.

Other Protective Clothing or Equipment:

Clothing impervious to the ingredients listed in Section II.

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.

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, the lowest rated ingredient from Section II should be used.

SECTION IX - TOXICOLOGICAL INFORMATION

ACUTE ORAL LD50:	Petroleum Distillate >5 g/kg (rat) , Hexane >25 ml/kg (rat)
ACUTE DERMAL LD50:	Petroleum Distillate >3 g/kg (rabbit) , Hexane >5 ml/kg (rabbit)
ACUTE INHALATION LC50:	Hexane >73000 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:	Consumer Commodity
Hazard Class or Division:	ORM-D
Identification Number:	None
Packaging Group:	No data
Label(s) Required:	None
Emergency Response Guide No:	12

INTERNATIONAL TRANSPORTATION REGULATIONS

Proper Shipping Name:	Aerosols, Flammable NOS
Class or Division:	2.1
Subsidiary Risk:	No data
Hazard Label(s):	Flammable Gas
Packaging Group:	No data
UN or ID Number:	UNI950

NATIONAL MOTOR FREIGHT CLASSIFICATION

Item:	50303
Article:	Compounds, Lubricating
Class LTL/TL:	55/35

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: *Zinc Compounds (0.75%)*

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: *LPG, Petroleum Distillate, Hexane*.