

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)

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® Super Penetrating Oil w/Teflon® - (Bulk)

Utex Style 1070

ChemRite® is a registered tradename of Utex Industries, Inc.
®Teflon is a registered tradename of E.I. DuPont

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) |
|---|----------------------|----------------------|--------------------------|--------------|
| Acid Treated Light Petroleum Distillate (CAS #64742-14-9) | 5 mg/m ³ | 5 mg/m ³ | N/E | 65-70 |
| Solvent Dewaxed Heavy Naphthenic Petroleum Distillate (CAS #64742-63-8) | 5 mg/m ³ | 5 mg/m ³ | N/E | 15-20 |
| Non-Hazardous Proprietary Additive Mixture (Trade Secret) | N/E | N/E | N/E | N/E |
| Polytetrafluoroethylene (CAS #9002-84-0) | 15 mg/m ³ | 15 mg/m ³ | N/E | <5 |
| Non-Hazardous Proprietary Additive Mixture (Trade Secret) | N/E | N/E | N/E | N/E |
| Methyl Salicylate (CAS #119-36-8) | 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) | 0.875 ± 0.02 g/cc |
| Vapor Pressure (mm Hg) | <5.0 mm Hg @ 20°C | Melting Point | No Data |
| Vapor Density (AIR = 1) | No Data | Evaporation Rate (Butyl Acetate=1) | No Data |
| Solubility in Water | No Data | Percent Volatile | 69.0 max. % by wt. |

Appearance and Odor Straw to light amber liquid, faint wintergreen odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

| | | | |
|---|-------------------------------------|------------------------|------------------------|
| Flash Point (Method Used): 38°F (Acid Treated Distillate) | Flammable Limits: No data | LEL: No data | UEL: No data |
|---|-------------------------------------|------------------------|------------------------|

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.

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): Flammable liquid - 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 - 1 Fire - 1 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.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled: 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. Dispose of as per guidelines below.

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 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: None established

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 prolonged or repeated contact, 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. Chemical splash-proof goggles are recommended.

Other Protective Clothing or Equipment: Clothing impervious to the ingredients listed in Section II.

Work/Hygienic Practices: Prevent skin contact

SECTION IX - TOXICOLOGICAL INFORMATION

ACUTE ORAL LD50: >5 g/kg (rat) - based on similar material

ACUTE DERMAL LD50: >3 g/kg (rabbit) - based on similar material

ACUTE INHALATION LC50: No data.

SECTION X - ECOLOGICAL INFORMATION

This product has not been tested for environmental effects.

SECTION XI – TRANSPORTATION INFORMATION

DOT HM-181 INFORMATION

Proper Shipping Name: Combustible Liquid, NOS (Deodorized Kerosene)

Hazard Class or Division: Combustible Liquid

Identification Number: NA1993

Packing Group: III

Label(s) Required: None

INTERNATIONAL TRANSPORTATION REGULATIONS

Proper Shipping Name: Petroleum Distillate, NOS (Deodorized Kerosene)

Class or Division: 3

Subsidiary Risk: No data

Hazard Label(s): Flammable Liquid

Packaging Group: III

UN or ID Number: UN1268

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): *None*

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*

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.