

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.

ChemRite® Food Grade Penetrating Oil (Bulk)

Utex Style 1274

Date Prepared: June 17, 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 ppm	50 ppm	N/E	60-70
White Mineral Oil (Cas# 8042-47-5)	5 mg/m ³	5 mg/m ³	N/E	10-20
Non-Hazardous Proprietary Additive (Trade Secret)	N/E	N/E	N/E	N/E
Butyldiglycol (Cas# 112-34-5)	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):	0.9 ± 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:	88.0% Max. Wt.

Appearance and Odor: Clear liquid, mild petroleum-like odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):	-22°C (n-Hexane)	Flammable Limits:	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.

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:	Inhalation?	X	Skin?	X	Ingestion?	X
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Health Hazards (Acute and Chronic): Flammable liquid--do not take internally. Avoid contact with skin and eyes. Vapor harmful. Internal misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

HMIS Ratings:	Health - 1	Fire - 3	Reactivity - 0	Protective Equipment - B
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Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
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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 eye-lids. 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.

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: 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 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: >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: Hexanes (Mixture)
Hazard Class or Division: 3
Identification Number: UN1208
Packing Group: II
Label(s) Required: Flammable Liquid

INTERNATIONAL TRANSPORTATION REGULATIONS

Proper Shipping Name: Hexanes (Mixture)
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): *n-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*

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