

LUBRICATION ENGINEERS[®], INC.
 300 Bailey Avenue FORT WORTH, TX 76107
 MATERIAL SAFETY DATA SHEET
 SECTION I - PRODUCT IDENTIFICATION

SUPPLIER:
 Lubrication Engineers[®], Inc.
 300 Bailey Avenue
 Fort Worth, TX 76107

EMERGENCY TELEPHONE NUMBERS.:
 Company: (817) 834-6321
 In the event of an emergency spill, fire, or exposure—Call:
 Chemtrec: (Within USA) (800) 424-9300
 (Outside USA—call collect) (703) 527-3887

CHEMICAL NAME AND SYNONYMS:
 Not applicable

TRADE NAME AND SYNONYMS:
 2001 Wirelife MONOLEC[®] Penetrating Lubricant
 (Aerosol)

CHEMICAL FAMILY:
 Hydrocarbon

FORMULA:
 Not applicable

*****SECTION II*****

TYPICAL CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE: Purple lubricant	VISCOSITY: @ 210°F, SUS Not applicable	@ 100°C, cSt Not applicable
ODOR: Solvent odor	VISCOSITY: @ 100°F, SUS Not applicable	@ 40°C, cSt Not applicable
RELATIVE DENSITY: (Air=1) >1	SOLUBILITY IN WATER: Nil	PH: NA
MELTING POINT: °F Not applicable	POUR POINT: °F Unknown	VOC, % Wt. 16.24
BOILING POINT: °F 132-202	FLASH POINT: °F (Method) 4 (TCC)	
VAPOR PRESSURE: Heavier than air	SPECIFIC GRAVITY: (H ₂ O=1) 0.90	

FLAMMABILITY CATEGORY PER 16 CFR 1500.45:
 Extremely flammable

*****SECTION III*****

INGREDIENTS

HAZARDOUS INGREDIENTS:	WT PCT (APPROX)	TLV	ORAL LD50	DERMAL LD50
Oil Mist (mineral)	50-60	5mg/m ³ -TWA	Unknown	Unknown
2-Propanone	10-20	500 ppm-TWA	5800 mg/kg-Rat	Unknown
Mineral spirits	10-20	Unknown	Unknown	Unknown
Aliphatic Petroleum Distillate	10-20	100 ppm	>5000 mg/kg-Rat	Unknown
Carbon Dioxide	1-10	800 ppm	Unknown	Unknown

NON-HAZARDOUS INGREDIENTS:

ADDITIVES AND/OR OTHER INGREDIENTS: This product is a mixture. The specific chemical identity of hazardous ingredients and non-hazardous ingredients, their C.A.S. numbers and their exact percent of composition are proprietary to Lubrication Engineers[®], Inc. and are being withheld as Trade Secrets. The above listing of hazardous ingredients discloses the properties, approximate concentration and known toxicological effects of the hazardous ingredients. This material is an automotive/industrial lubricant with a low order of toxicity and irritancy. The product is formulated with ingredients that are not designated as harmful to the ozone.

REGULATORY INFORMATION:

SARA Title III: This product does not contain any chemical substance on the SARA Extremely Hazardous Substances list. If this product contains any chemicals that 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, they will be listed in the above HAZARDOUS INGREDIENTS section.

TSCA: This material is in compliance with the Toxic Substances Control Act (15 USC 2601-2629) and all components of this product appear on the Toxic Substance Control Act (TSCA) inventory list.

Clean Air Act: No ozone depleting chemicals listed in Title VI, Stratospheric Ozone Protection, Section 602 of the Clean Air Act are present or used in the manufacturing process of this product.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Remove all sources of ignition. Treat as a petroleum oil spill. Ventilate area well.

WASTE DISPOSAL METHOD:
Used petroleum products may be recycled through re-refining processes.

*****SECTION IX*****

SPECIAL PROTECTION INFORMATION

EYE PROTECTION:
Wear safety glasses with side shield (or goggles) and a face shield.

SKIN PROTECTION:
Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

RESPIRATORY PROTECTION:
A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

VENTILATION:
Usually not needed in open, unconfined areas. In enclosed areas, sufficient ventilation to meet recommended TLV or 100 ppm. Ventilation is necessary at floor level as vapors are heavier than air.

OTHER:
Usually not needed.

*****SECTION X*****

SPECIAL PRECAUTIONS

Do not store above 120 °F. Keep away from heat, sparks, open flames, and strong oxidants. Avoid eye contact and prolonged skin contact. Avoid breathing oil mists. Wash thoroughly after handling. Keep from freezing.

*****SECTION XI*****

HAZARD RATINGS

There are several recognized and accepted systems that assign hazard ratings to materials. Although this product has not been evaluated specifically against these systems, the ratings for the National Fire Protection Association (NFPA) and the National Paint and Coatings Association's Hazardous Material Identification System (HMIS) for the lubricant residue and as applied are:

	NFPA	HMIS
Health	1	1
Flammability	3	3
Reactivity	0	0