MATERIAL SAFETY DATA SHEET

PRODUCT NAME: **UltraLube® Penetrant-Aerosol**
UltraLube® Part numbers: 10463
HMIS CODE: H F R P Health – 1, Fire – 3, Reactivity – 0, Personal Protection – B
CAS NUMBER: NA

SECTION I - MANUFACTURER'S IDENTIFICATION

SOURCE: Environmental Lubricants Manufacturing, Inc.
ADDRESS: 311 B. Ave Grundy Center, IA 50638
24 HOUR EMERGENCY ASSISTANCE: Chemtrec: (800) 424-9300
GENERAL MSDS ASSISTANCE: (319) 824-5203
DATE PREPARED: 04/06/2011
DATE REVISED:

SECTION II --COMPOSITION/INFORMATION ON INGREDIENTS

Material	CAS Number	PEL/TLV, Source	Percent
Methyl Soyate	67784-80-9	--------	
Calcium Sulfonate <4%	Confidential	-------	
Additives Mixture**	Confidential	------	
Propane	74-98-6	1000 ppm, OSHA	
Butane	106-97-8	800 ppm, ACGIH	

**The specific chemical identity is being withheld as a trade secret
---- Not established

THE PRECISE COMPOSITION OF THIS PRODUCT IS PROPRIETARY INFORMATION. A MORE COMPLETE DISCLOSURE WILL BE PROVIDED TO A PHYSICIAN IN THE EVENT OF A MEDICAL EMERGENCY.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: Not Available

SPECIFIC GRAVITY OF CONCENTRATE (H_20=1.0): .88-.89

PERCENT VOLATILE BY WEIGHT: Approx. 23%

VAPOR DENSITY: Exceeds 1.0

VAPOR PRESSURE: Not applicable

SOLUBILITY IN WATER: Insoluble

EVAPORATION RATE: Not applicable

APPEARANCE AND ODOR: A light amber, oily liquid - only a faint odor.

WEIGHT OF CONCENTRATE PER GALLON: 7.4 lbs. at 60 F.

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SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY CATEGORY Extremely Flammable *(Reference - Consumer Product Commission, flame projection test for aerosol products, per 16 CFR 1500.45)*

FLASH POINT OF CONCENTRATE: 132° C

EXTINGUISHING MEDIA: CO_2, dry chemical, foam.

Unusual Fire and Explosion Hazards

Avoid possible bursting of aerosol can. Do not store where temperature may exceed 120°F. Do not puncture or incinerate. Rags and waste paper containing this material may heat and burn spontaneously. When material presenting a large surface area i.e. rags, filter clay, etc. is saturated with soybean oil, spontaneous combustion may result.

Special Fire Fighting Procedures

Avoid possible accumulations of vapors at floor level, as vapor is heavier than air. Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Avoid use of water as it may spread fire by dispersing oil.

SECTION V - REACTIVITY DATA

STABILITY: Spontaneous combustion can occur. See Unusual Fire and Explosion Procedures, Section IV.

CONDITIONS TO AVOID: Heat, sparks, flames, strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, and other toxic gases possible if thermally decomposed.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI - HEALTH HAZARD DATA

SUGGESTED EXPOSURE GUIDELINE NOT AVAILABLE

Primary Route of Exposure	Inhalation, skin contact
Inhalation	Dizziness, nausea, headaches, and loss of consciousness.
Skin Contact	Irritation upon prolonged contact.
Eye Contact	Irritation.
Carcinogenicity	None of the components in this material is listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

EMERGENCY AND FIRST AID PROCEDURES FOR:

Inhalation: Remove to fresh air. Artificial respiration, consult physician.

Skin Contact: Wash with soap and water. Remove soaked clothing to avoid prolonged skin contact.

Eye Contact: Flush eyes well with running water for 15 minutes.

Ingestion: Call Physician or poison control center immediately. Proper treatment is dependent on condition of patient and amount ingested.

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Ventilate area well. Avoid any sources of ignition for flammable liquid or vapor. Soak up on suitable absorbent material.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations.

SPECIAL PROTECTION INFORMATION

Respiration Protection	If TLV is exceeded wear NIOSH-approved self-contained breathing device or respirator
Ventilation	Must be adequate to maintain vapors at less than 500 ppm, particularly at floor level as vapors are heavier than air.
Protective gloves	Prolonged contact: solvent-resistant
Eye Protection	Safety glasses or goggles recommended

SECTION VIII - CONTROL MEASURES

HANDLING AND STORAGE PRECAUTIONS

Precautions to be taken in handling and storage	Do not store where temperature may exceed 120°F. Store away from, fire, sparks, or flame.
D.O.T Shipping Class	Consumer Commodity
Hazard Class	ORM-D
ID Number	None
Label Required	None, cartons must be marked Consumer Commodity

SECTION IX - SPECIAL PRECAUTIONS

Precautions for usage	Do not use near heat, fire, flame or sparks. Avoid excessive breathing of vapor. Do not spray in direction of body. Use only in accordance with directions.

SECTION X - DISCLAIMER AND/OR COMMENTS

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