



ENVIRO LUBE SAFETY DATA SHEET

Section 1: IDENTIFICATION OF PRODUCT AND COMPANY

Product Name: ENVIRO LUBE
Recommended Use: Lubrication of pneumatic hammers via water injection

Distributor Information:
Numa Tool Co.
646 Thompson Road
Thompson, CT 06277
USA

Health Emergency: Contact Local Poison Control Center

Email address: numa@numahammers.com Technical Service: 1-860-923-9551

Revision date- 01/2/2015

Section 2: HAZARD IDENTIFICATION

Product may cause mild skin irritation. Product may cause mild eye irritation.

According to Regulation OSHA 29CFR1910.1200:

Classification: Skin Irritation (Category 3)
Eye Irritation (Sub-Category 2B)

Signal Word: **WARNING**

Pictogram:



Hazard Statements: May cause mild skin irritation, may cause mild eye irritation, may cause discomfort if ingested. If product is involved in fire; thermal decomposition can lead to release of irritating gases/vapor CO and CO₂, may be released that may be irritating to eyes and respiratory system.

Precautionary Statements: If eye irritation occurs, flush with water for at least 15 min, remove contact lenses. If eye irritation persists, seek medical attention. If on skin, wash with plenty of soap and water. Wear appropriate eye/face protection and suitable protective gloves. Do not swallow.

Section 3: COMPOSITION/INFORMATION ON INGREDIENT

Ingredients:	CAS#	Weight%	ACGIH
Food grade canola oil	120962-03-0	>78.5	15 mg/m ³
Oleic Acid	112-80-1	1.6	Not established

(A compound with Glycerol Esters, Oxidized Homopolymers and Acrylic Ion)

Classified as Non-Hazardous

The composition of percent weight for this product unless stated, is proprietary information and regarded as a trade secret, as allowed by 29 CFR 1910.1200.



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Section 4: FIRST AID MEASURES

Ingestion: If discomfort occurs give water or milk. Do not induce vomiting, aspiration may occur. Contact a physician. (Never give anything by mouth to an unconscious person)

Eye Contact: If eye irritation occurs flush eyes with water for at least 15 min. If eye irritation persists, seek medical attention.

Skin Contact: If dermal irritation occurs wash with soap and water. If dermal irritation persists, seek medical attention.

Inhalation: Unlikely route of exposure.

Other Information: If product is involved in fire irritating fumes may be released, remove persons to fresh air. If breathing is difficult, give oxygen. Seek medical attention.

Section 5: FIRE FIGHTING MEASURES

Extinguishing Media: Carbon dioxide or dry chemical.

Special Fire Fighting Procedures: Avoid water stream on molten burning material as it may scatter and spread the fire. Watch footing on floors and stairs because of possible melting and spreading of material.

Unusual Fire Hazards: Non-hazardous under normal conditions of use. Product can release irritating fumes, if involved in a fire. Use appropriate protective equipment.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Watch footing on floors, stairways and stationary equipment. Product may cause slippery conditions. (See Section 8 for additional info)

Environmental Precautions: Prevent discharge into drains or water courses.

Methods for Cleanup: Larger spill; contain spill with inert material. On floors absorb in dry sand or other suitable material and wash with detergent. Place collected material in appropriate container for disposal according to local regulation.

Section 7: HANDLING AND STORAGE

Handling Procedures: Wash hands thoroughly after handling material.

Storage: Avoid excessive heat, store in a ventilated cool dry area away from direct heat or sunlight. Avoid spillage which can cause slippery conditions on floors.



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Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: No evidence of adverse effects from available information.

Engineering Controls: General room ventilation is adequate for storage and handling. Emergency eye wash station is recommended.

Personal Protection: S 37/39

Eye: Wear approved safety glasses.

Hand: Use protective gloves; latex, vinyl or nitrile.

Skin and Body: Work clothing covering body

Hygiene Measures: Wash hands after handling material. Remove and wash contaminated clothing before re-use. Keep working clothes separate.

Other Information: For safety; know your work area.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Colloidal suspension (at ambient)

Color: Amber

Odor: Waxy odor

Boiling Point/Range: > 260 °C

Odor Threshold: N/D

Partition Coefficient (n-Octanol/Water): N/D

Melting Point Range: 92 – 140 °C

Flash Point: > 290 °C (open cup method)

Autoignition Point: N/D

Vapor Density (Air = 1): >1

Explosion limit (vol % in air):

LEL: N/A

UEL: N/A

Vapor Pressure: N/A

Density: 0.92g/cm³ (at ambient)

Viscosity: N/D

pH: N/A

Solubility in Water: Negligible

Evaporation Rate: N/A

Section 10: STABILITY AND REACTIVITY

Stability: Normally Stable.

Hazardous Decomposition: Depending on conditions of fire, CO and CO₂ gases may be generated.

Incompatible Materials: Strong oxidizing agents and amines. S14

Hazardous Polymerization: Will not occur.

Other Conditions to Avoid: Oxidizing conditions.



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Section 11: TOXICOLOGICAL INFORMATION

Potential Health Effects:

Skin: May cause negligible dermal irritant.

Eyes: May cause mechanical irritation.

Ingestion: May cause nausea, vomiting, diarrhea.

Inhalation: Unlikely route of exposure.

Chronic Exposure: None known with the customary industrial use of this product.

Aggravated Medical Condition: None known.

Carcinogenicity: No component of this product is identified as a known or anticipated carcinogen by NPT, IARC or OSHA.

Toxicity Data:

Skin: No end point data. Negligible irritation at ambient temperature. Based on assessment of the components.

Eye: No end point data. May cause short-lasting irritation to eyes. Based on assessment of the components

Ingestion: L/D 50 >5000 mg/Kg Minimally toxic. Based on assessment of the components and structurally similar materials.

Inhalation: No end point data. Unlikely route of exposure, under normal working conditions.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not expected to be harmful to aquatic organisms.

Persistence and Degradability: Product is readily biodegradable, non-toxic. 94% 28 day(s).

Bioaccumulative Potential: Bioaccumulation in aquatic organisms is not expected.

Mobility in Soil: Product has negligible solubility in water and not expected to migrate through soil to groundwater.

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Discard as non-hazardous organic waste. Incinerate in a properly engineered facility.

Regulatory Disposal Statement: Disposer must comply with Federal, State and Local disposal or discharge laws.



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Section 14: TRANSPORT INFORMATION

Land (DOT): Not regulated for land transport.

Sea (IMDG): Not regulated for sea transport.

Air (IATA): Not regulated for air transport.

Section 15: REGULATORY INFORMATION

OSHA Hazard Communication Standard: When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

TSCA (Toxic Substance Control Act): Components are stated to be listed on the TSCA inventory.

CERCLA (Comprehensive Response Compensation, and Liability Act): Product and components are not regulated.

SARA 311/312 Hazards: Components are not listed.

Canada: DSL (Domestic Substance List): Components are listed.

WHMIS: Not Rated

California Prop. 65: This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

Section 16: OTHER INFORMATION

Safety Phrases: S37/39 Wear suitable gloves and eye protection. (Section 8)
S14 Keep away from incompatible materials. (Section 10)

N/A = Not applicably

N/D = Not determined

Information found in this Safety Data Sheet was obtained from component suppliers and various public sources. The product safety information is provided to assist our customers in assessing compliance with safety / health / environmental regulations. The information contained within this document is based on data available to us and is believed to be accurate at the time of last revision. However, no warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof, or the hazards connected with the use of this product. Whereas the use of this product is within the exclusive control of the user, it is the user's obligation to determine the conditions for safe use of the product. Such conditions must comply with all regulations concerning this product. NUMA assumes no liability for any injury or damage, direct or consequential, resulting from the use of this product; recipient assumes all such risk.