

LMK Liner Lube

SAFETY DATA SHEET



MAINLINES | LATERALS | MANHOLES | GASKET SEALS | EQUIPMENT

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SAFETY DATA SHEET

1. Identification

Product Identifier Liner Lube
Other means of identification 3210, 3215

Product Code N/A

Recommended use

Recommended restrictions

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name LMK Technologies
Address 1779 Chessie Lane, Ottawa, IL 61530
Telephone 815.433.1275
E-mail info@lmktechnologies.com
Emergency phone number 800.424.9300 or 703.527.3887

2. Hazard(s) identification

Physical hazards Eyes: May cause mild eye irritation. Skin: Prolonged contact may cause skin sensitivity.

Health hazards N/A

Environmental hazards N/A

OSHA defined hazards Not Classified

Label elements N/A

Signal word N/A

Hazard statement Liner Lube does not contain any hazardous components. It is intended for topical use on animals, and should be used as directed. See label for instructions.

Precautionary statement

Prevention - Do not swallow. Avoid prolonged contact with skin and eyes. Keep out of reach of children. For external use only. Follow directions on product label.

Response - If ingested: Seek medical assistance or contact local poison control center. Contact with Skin and Eyes: Flush eyes with water for least 15 minutes. Wash skin thoroughly with soap and water. If irritation persists, consult a physician.

Storage - Store in original containers, under normal conditions and avoid excessive heat.

Disposal - Consult federal, state and local regulations.

Hazard(s) not otherwise classified - (HNOC) None Known.

3. Composition/information on ingredients

Mixtures

Chemical Name	Common name and synonyms	CAS Number
Petroleum Jelly	Petrolatum USP	8009-03-8
Lard Oil Peacock 15° Oil	Neatsfoot Oil	8002-64-0
Wool Fat, Wool Wax	Lanolin USP	8006-54-0
Ricinus Oil	Castor Oil	8001-79-4
Nonylphenol Ethoxylate	Ethoxylated Nonylphenol	9016-45-9
Ethyl Vanillin NF	Ethyl Vanillin NF	121-32-4
DMDM Hydantoin + IPBC	Glydant Plus Liquid	6440-58-0, 55406-53-6

Chemical percentages have been withheld as a trade secret.

4. First-aid measures

Inhalation	N/A
Skin contact	If skin irritation occur rinse affected area with copious amounts of soap and water.
Eye contact	If eye contact occurs rinse with copious amounts of water.
Ingestion	If ingested: DO NOT INDUCE VOMITING, give sips of water to drink and consult a physician.
Most important symptoms/effects, acute and delayed	Dermatitis. Rash. Direct contact with eyes may cause temporary irritation. Skin irritation. May cause an allergic skin reaction. May cause redness and pain.
Indication of immediate medical attention and special treatment needed.	Discontinue usage of the product and seek medical attention.
General information	N/A

5. Fire-fighting measures

Suitable extinguishing	Not Known
Unsuitable extinguishing media	Not Known
Specific hazards arising from the chemical	Not Known
Special protective equipment and precautions for firefighters	Not Known
Fire-fighting equipment/instructions	Not Known
Specific methods	Not Known
General fire hazards	Not Known

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	N/A
Methods and materials for containment and cleaning up	Small spill: Absorb spill with an inert material (e.g. sand, earth) or other absorbent material, then place in a chemical waste container. Large spill: Stop spill at source, dike area of spill to prevent spreading, and pump liquid into chemical waste containers.
Environmental precautions	This product does not contain an environmentally hazardous substance as per 49 CFR 172.101. Appendix A.

7. Handling and storage

Precautions for safe handling	N/A
Conditions for safe storage, including any incompatibilities	Avoid heat above 140°F which may weaken containers. Avoid pressure that would damage shipping case.

8. Exposure controls/personal

Occupational exposure limits

U.S. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
N/A	N/A	N/A

Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering control	Not available
Individual protection measures, such as personal protective equipment	
Eye/face protection	Splash resistant goggles are advised for persons continuously exposed to this material.
Skin protection	None
Hand protection	None
Other	None
Respiratory	None
Thermal hazards	None
General hygiene considerations	None

9. Physical and chemical properties

Appearance	
Physical state	Liquid
Form	Similar to petrolatum (petroleum jelly)
Color	Beige to yellow
Odor	Sweet vanilla
Odor threshold	Not available
pH	Not Known
Melting point/freezing point	Not Known
Initial boiling point and boiling range	Not Known
Flash point	None (Not Flammable)

Evaporation rate	Not Known
Flammability (solid, gas)	N/A
Upper/lower flammability or explosive limits	
Flammability limit – lower (%)	N/A
Flammability limit – upper (%)	N/A
Vapor pressure	Not Known
Vapor density	Not Known
Relative density	Not available
Solubility(ies)	
Solubility (water)	Insoluble
Partition coefficient (in – octanol/water)	Not available
Auto – ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Other information	Not available
Specific gravity	0.95
VOC (Weight %)	Not available

10. Stability and reactivity

Reactivity	This product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	N/A
Incompatible materials	
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure	
Ingestion	Not available
Inhalation	Not available
Skin contact	Not toxic
Eye contact	Not available
Symptoms related to the physical, chemical and toxicological characteristics	Not available
Information on toxicological effects	
Acute toxicity	Not available

Components	Species	Test Results
N/A	N/A	N/A

Skin corrosion/irritation	Not corrosive
Serious eye damage/eye irritation	Not available
Respiratory or skin sensitization	
Respiratory sensitization	Not available
Skin sensitization	Not available
Germ cell mutagenicity	Not available
Carcinogenicity	Not available
IARC Monographs. Overall Evaluation of Carcinogenicity	Not available
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not available
Reproductive toxicity	Not available
Specific target organ toxicity single exposure	Not available
Specific target organ toxicity repeated exposure	Not available
Aspiration hazard	Not available
Chronic effects	Not available

12. Ecological information

Ecotoxicity Not available

Components	Species	Test Results
N/A	N/A	N/A

Persistence and degradability	Not available
Bioaccumulative potential	Not available
Partition coefficient n – octanol / water (log Kow)	Not available
Mobility in soil	Not available
Other adverse effects	Not available

13. Disposal considerations

Disposal instructions	Dispose in sealed containers at licensed solid waste disposal site. Dispose of contents in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance to local disposal regulations.
Hazardous waste code	N/A
Waste from residues / unused products	Residue and/or unused product can safely disposed of in landfill.
Contaminated packaging	Empty containers should be taken to an approved solid waste handling site for recycling or disposal.

14. Transport information

DOT	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	This product is not intended to be transported in bulk

15. Regulatory information

US federal regulations This product is not a hazardous chemical as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707,Subpt. D) Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4) Not listed.

SARA 304 Emergency release notification Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

- Immediate Hazard - No
- Delayed Hazard - No
- Fire Hazard - No
- Pressure Hazard - No
- Reactivity Hazard - No

SARA 302 Extremely hazardous substance Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting) Not regulated

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)

Not regulated.

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12©)

None.

DEA Exempt Chemical Mixtures Code Number

None.

US state regulations

US. Massachusetts RTK – Substance List

Not regulated.

US. New Jersey Worker and Community Right-to-Know Act

Not regulated.

US. Pennsylvania Worker and Community Right-to-Know Law

Not regulated.

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

California Safe Drinking Water and Toxic enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemical List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

16. Other information, including date of preparation or last**Issue date** 6/12/2015**Version #** 1

HMIS® ratings Health: 0
 Flammability: 0
 Physical hazard: 0

Disclaimer The information in the sheet was written based on the best knowledge and experience currently available.