Material Safety Data Sheet

chemlube INTERNATIONAL LLC

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CHEMTREC – (800) 424-9300
General Assistance Number: (914) 381 5800

SECTION 1 PRODUCT IDENTIFICATION

MATERIAL IDENTITY: Chemlube Multi-Purpose Automotive Transmission Fluid

COMPANY ADDRESS: Chemlube International Inc. 500 Mamaroneck Ave.- Harrison, N.Y. 10528 USA

SECTION 2 PRODUCT/INGREDIENTS

Hazardous Ingredients This material has no known hazards under applicable laws.

Components	CAS Number	Amount
Highly refined mineral oil	Mixture	80 – 90 %weight
Petroleum Additives	Mixture	10 – 20 %weight

SECTION 3 HAZARDS IDENTIFICATION

Principal Hazards This material has no know health hazards
See Section 11 for complete health hazard information

SECTION 4 FIRST AID MEASURES

Oral **DO NOT INDUCE VOMITING.** Get immediate medical attention.
Eyes Flush with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
Skin Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.
Inhalation Remove exposed person to fresh air if adverse effects are observed.
Additional Information Note to physician: Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

Flash Point : 180 Deg C, 356 Deg F (min)
Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO_2) to extinguish flames. Do not use a direct stream of water. Product will float and can be reignited on surface of water.
Fire Fighting Procedures: Recommend wearing self-contained breathing apparatus. Water may cause splattering.
Unusual Fire & Explosion Hazards: Toxic fumes, gases or vapors may evolve on burning.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Spill Procedures: Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Check under Transportation and Labeling (DOT/CERCLA) and Other Regulatory Information Section (SARA) for hazardous substances to determine regulatory reporting requirements for spills.

SECTION 7 HANDLING AND STORAGE

Maximum Pumping Temperature	Not determined.
Maximum Handling Temperature	Not determined.
Handling Procedures	Keep containers closed when not in use. Wash thoroughly after handling. Empty container contains product residue which may exhibit hazards of product.
Maximum Storage	Not determined.
Storage Procedures	Do not store above 120˚F
Loading Temperature	Not determined.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Procedures	Use with adequate ventilation.
Gloves Procedures	Nitrile.
Eye Protection	Safety Glasses.
Respiratory Protection	Under normal use conditions, respirator is not usually required. Use NIOSH/MSHA approved disposable dust/mist mask if the recommended exposure limit is exceeded.
Clothing Recommendation	Long sleeve shirt is recommended.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Flash Point	**180** Deg C, 356 Deg F (min)
Upper Flammable Limit	Not determined.
Lower Flammable Limit	Not determined.
Autoignition Point	Not determined.
Explosion Data	Material does not have explosive properties.
Vapor Pressure	Not determined.
Specific Gravity	0.867 (15.6 Deg C)
Water Solubility	Insoluble.
Percent VOC	Not determined.
Vapor Density	Not determined.
Evaporation Rate	Not determined.
Odor	Mild
Appearance	Light colored Liquid
Viscosity	Unknown.
Odor Threshold	Unknown
Boiling Point	289 Deg C, 552 Deg F (Initial)
Pour Point Temperature	Not determined.

The above data are typical values and do not constitute a specification. Vapor pressure data are calculated unless otherwise noted.

SECTION 10 REACTIVITY AND STABILITY

Stability	Material is normally stable at moderately elevated temperatures.
Decomposition Temperature	Not determined.
Incompatibility	Oxidizing agents.
Polymerization	Will not occur.
Thermal Decomposition	Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

SECTION 11 TOXICOLOGICAL INFORMATION

--ACUTE EXPOSURE—

Oral Toxicity The LD50 in rats is > 5000 mg/kg. Based on data from components or similar materials.

Eye Irritation This product can cause mild eye irritation with short-term contact.

Skin Irritation Not expected to be a primary skin irritant. Based on data from components or similar materials. Prolonged or repeated skin contact as from clothing wit with material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the skin.

Inhalation Sensitization No data available to indicate product or components may be respiratory sensitizers.

--CHRONIC EXPOSURE—

Chronic Toxicity No data available to indicate product or components present at greater than 1% are chronic health hazards.

Carcinogenicity This material is formulated with mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 test.

Mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Reproductive Toxicity No data available to indicate either product or components present a greater than 0.1%that may cause reproductive toxicity.

Teratogenicity No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

Other No other health hazards known.

Exposure Limits Contains mineral oil. Under conditions which may generate mists, observe the OSHA PEL of 5 mg per cubic meter, ACGIH STEL of 10 mg per cubic meter.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity

The toxicity of this material to aquatic organisms has not been evaluated. Consequently, this material should be kept out of sewage and drainage systems and all bodies of water.

Environmental Fate This material is not expected to be readily biodegradable.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal Oil collection services are available for used oil recycling or disposal. Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal or recycling methods.

SECTION 14 TRANSPORT INFORMATION

US Department of Transportation Classification

This material is not subject to DOT regulations under 49 CFR Parts 171-180.

Oil: This material is an 'OIL' under 49 CFR Part 130 when transported in a container of 3500 gallon capacity or greater.

SECTION 15 REGULATORY INFORMATION

Superfund Amendment & Reauthorization Act (SARA) Title III:
This material is not regulated under SARA Title III.

Toxic Substances Control Act (TSCA) Status:
Component(s) of this material is(are) listed on the EPA/TSCA Inventory of Chemical Substances.

State Regulation

This material is not regulated by the California Safe Drinking Water and Toxic Enforcement Act (Proposition 65), New Jersey Right-to-Know Chemical List or Pennsylvania Right-To-Know Chemical List.

SECTION 16 OTHER INFORMATION

US NFPA Codes

Health	Fire	Reactivity	Special
1	1	0	N/E

HMIS Codes

Health	Fire	Reactivity
1	1	0

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.