

MATERIAL SAFETY DATA SHEET



1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name	LUBE-MATIC LIQUID
Product Code	007040 Concentrate, 007050 Concentrate
Company Address	Weld-Aid Products, Inc. 14650 Dequindre Road Detroit, MI 48212 USA
Telephone	(313)883-6977
Fax	(313)883-4930
E-Mail Address	info@weldaid.com
Emergency Contact	Chem-Tel (800)255-3924
Revision Date	10/05/09

2. HAZARDS IDENTIFICATION

Eyes	May cause slight irritation to the eyes.
Skin	May cause slight skin irritation.
Inhalation	High vapor or aerosol mist concentrations may be irritating to the nose, throat and upper respiratory tract.
Ingestion	Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS Registry No.</u>	<u>Percentage</u>
No hazardous components		

4. FIRST AID MEASURES

Eyes	Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If irritation persists get medical attention.
Skin	For skin contact flush with large amounts of water. If irritation persists, get medical attention.
Inhalation	If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.
Ingestion	If ingestion of a large amount does occur, seek medical attention. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

Flash Point	(> 93.9 °C), > 201 F PMCC
Extinguishing Media	Dry chemical, foam, carbon dioxide, water fog.

6. ACCIDENTAL RELEASE MEASURES

Spill/Leak Procedures	Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch or walk through spilled material. Wear appropriate personal protective equipment during cleanup. Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Large Spills: Dike ahead of liquid spill for later disposal. Prevent entry into waterways, sewers, basements or confined areas. Surfaces may become slippery after spillage.
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7. HANDLING & STORAGE

Handling Procedures	Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
Storage Procedures	Storage Temperature: 50F to 120F Store in a dry, well-ventilated area. Do not handle or store near an open flame, heat or other sources of ignition. Store away from strong oxidizers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls	Use general ventilation. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.
Eye/Face Protection	Wear chemical goggles; face shield (if splashing is possible).
Skin Protection	Wear suitable protective clothing. Use impervious gloves.
Respiratory Protection	If vapors are present or irritation is experienced, NIOSH approved respiratory protection for organic vapors should be worn.
General	Eye wash fountain and emergency showers are recommended.

9. PHYSICAL & CHEMICAL PROPERTIES

Flash Point	(> 93.9 °C), > 201 F PMCC
Boiling Point	(> 315.6 °C), > 600 F
Specific Gravity	(0.877 g/ml), 7.3 lb/gal @ 25 C
Percent Volatile	5 %
Vapor Pressure	Not Determined or Unknown
Vapor Density	Estimated heavier than air.
Viscosity	7 cps @ 25 C
Evaporation Rate	Estimated slower than ethyl ether.
Solubility in Water	Insoluble
VOC	5 %
Pour Point	< 0 C
Appearance and Odor	Clear liquid, Amber color at 25 C. Mild odor

10. STABILITY & REACTIVITY

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	Avoid strong oxidizing agents.
Incompatibility	This product may react with strong oxidizing agents, alkalis.
Hazardous Decomposition	Methanol may be evolved if hydrolyzed or saponified.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity	Not listed as carcinogenic according to IARC, NTP or OSHA.
Mutagenicity	This product class is non-mutagenic.
LD50 Value	Oral LD50 (rat) = >5000 - 15,000 mg/kg Dermal LD50 (rabbit) = >2,000 < or equal to 20,000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data available on finished product.
Environmental Fate	This product is biodegradable.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions	Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations. Regulations may vary in different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator.
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14. TRANSPORT INFORMATION

DOT Proper Shipping Name	Not regulated
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15. REGULATORY INFORMATION

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL), Europe (EINECS/ELINCS/Polymer/NLP), Korea (ECL), Australia (AICS), China (EICSC 2003), there is no calculable reportable quantity (RQ) for this product.

16. OTHER INFORMATION

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HAZARD RATINGS	HMIS	NFPA
Health	1	1
Flammability	1	1
Reactivity	0	0
PPE	X	