

# MATERIAL SAFETY DATA SHEET



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## 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

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<b>Product Name</b>	LUBE-MATIC LIQUID
<b>Product Code</b>	007040 Concentrate, 007050 Concentrate
<b>Company Address</b>	Weld-Aid Products, Inc. 14650 Dequindre Road Detroit, MI 48212 USA
<b>Telephone</b>	(313)883-6977
<b>Fax</b>	(313)883-4930
<b>E-Mail Address</b>	<a href="mailto:info@weldaid.com">info@weldaid.com</a>
<b>Emergency Contact</b>	Chem-Tel (800)255-3924

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## 2. HAZARDS IDENTIFICATION

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

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

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

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## 4. FIRST AID MEASURES

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<b>Eyes</b>	Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If irritation persists get medical attention.
<b>Skin</b>	For skin contact flush with large amounts of water. If irritation persists, get medical attention.
<b>Inhalation</b>	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.
<b>Ingestion</b>	If ingestion of a large amount does occur, seek medical attention. Do not induce vomiting.

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## 5. FIRE FIGHTING MEASURES

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

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## 6. ACCIDENTAL RELEASE MEASURES

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<b>Spill/Leak Procedures</b>	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

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<b>Handling Procedures</b>	Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
<b>Storage Procedures</b>	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.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

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## 9. PHYSICAL & CHEMICAL PROPERTIES

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

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## 10. STABILITY & REACTIVITY

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

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## 11. TOXICOLOGICAL INFORMATION

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<b>Carcinogenicity</b>	Not listed as carcinogenic according to IARC, NTP or OSHA.
<b>Mutagenicity</b>	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.

## 14. TRANSPORT INFORMATION

**DOT Proper Shipping Name**

Not regulated

## 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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<b>HAZARD RATINGS</b>	<b>HMIS</b>	<b>NFPA</b>
Health	1	1
Flammability	1	1
Reactivity	0	0
PPE	X	