

**MATERIAL SAFETY DATA SHEET**

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**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Name: Lubrisilk Spray Lubricant

Catalog Number: LSSP

Company Name & Address:

Advanced Lubrication Technology, Inc.  
3000 SW 42<sup>nd</sup> Avenue  
Palm City, Fla. 34990  
Tel: (772)287- 9280  
Fax: (772)287- 2729  
Emergency: INFOTRAC (International) 1-352-323-3500

Information Number: Please contact ALT distributor in your country.

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**2. INFORMATION ON HAZARDOUS INGREDIENTS / COMPOSITION**

Reportable Components	CAS #	Vapor Pressure mm Hg @	Weight Temp	%
2-Propanol, Isopropyl Alcohol Osha Pel: 400 PPM, ACGIH TLV: 400 PPM	67-63-0	33	68	45
Propylene Glycol, 1,2-Propanediol Osha Pel: Not Estab, ACGIH TLV: Not Estab	57-55-6	.08	68	32
* 2-Butoxyethanol, Glycol Ether EB Osha Pel: 25 PPM, ACGIH TLV: 25 PPM, : SKIN	111-76-2	.06	68	5

\* Indicates toxic chemical (s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

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**3. PHYSICAL/CHEMICAL CHARACTERISTICS**

BOILING RANGE: 177 Deg F – 369 deg F      SPECIFIC GRAVITY (H2O= 1): 0.92  
VAPOR DENSITY: UNKNOWN      EVAPORATION RATE: UNKNOWN  
SOLUBILITY IN WATER: SLIGHT TO MODERATE  
APPEARANCE AND ODOR: PUMP SPRAY PRODUCT  
THIS IS A COMBUSTIBLE LIQUID

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**4. FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT: 130 DEG F.      METHOD USED: TCC  
FLAMMABLE LIMITS IN AIR BY VOLUME – LOWER: 1.1      UPPER: 12.7  
EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG

**SPECIAL FIREFIGHTING PROCEDURES**

water spray may be ineffective. Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat. If water is used, fog nozzles preferred. Wear goggles and self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Vapor accumulation can flash or explode if ignited. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention.

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**5. REACTIVITY DATA**

**STABILITY:** Stable

**CONDITIONS TO AVOID**

Application to hot surfaces. Storage above 120 Deg F. Exposure to open flame.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

Strong oxidizing agents

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

May produce fumes when heated to decomposition. Fumes may contain Carbon Monoxide.

**HAZARDOUS POLYMERIZATION:** Will not occur.

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**6. HEALTH HAZARD DATA**

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Respiratory irritation, dizziness.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Skin: Prolonged contact on dry skin or extended exposure may cause irritation. Eyes: Liquid or vapor may irritate.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Absorbed through the skin.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Not a likely route of exposure. If swallowed, seek immediate medical advice and / or attention.

**CARCINOGENICITY:** NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

Liver and kidney disease.

**EMERGENCY AND FIRST AID PROCEDURES**

Inhalation: Remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. Get medical attention. Skin: Remove contaminated clothing and wash before reuse. Wipe off with towel. Wash with soap and water. Get medical attention if irritation persists. Eyes: Wash immediately with large volumes of fresh water for at least 15 minutes. Get medical attention.

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## **7. PRECAUTIONS FOR SAFE HANDLING AND USE**

### **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Avoid breathing vapors. Ventilate area. Remove all sources of ignition. Clean up area with absorbent material and place in closed containers for disposal.

### **WASTE DISPOSAL METHOD**

Dispose of in accordance with local, state, and federal regulations. Before attempting clean up, refer to other sections of this MSDS for hazard caution information.

### **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Store and use in a cool, dry, well-ventilated areas. Do not store above 120 deg F. Do not spray in eyes. Do not take internally. See product label for additional information.

### **OTHER PRECAUTIONS**

Small containers of flammable products may be stored in areas suitable for ordinary combustibles with respect to construction, drainage, control of ignition sources, and ventilation except that they should not be stored in basements.

## **8. CONTROL MEASURES**

### **RESPIRATORY PROTECTION**

None needed under normal use. Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved air line type respirator or hood. Self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

### **VENTILATION**

Use sufficient ventilation to prevent inhalation of solvent vapors. General dilution and/or local exhaust ventilation in volume or pattern to keep PEL/TLV of most hazardous ingredient below acceptable limit and LEL stated limit.

### **PROTECTIVE GLOVES**

None needed under normal use. Solvent resistant gloves required for prolonged or repeated contact.

### **EYE PROTECTION**

None needed under normal use: However, use of safety glasses with splash guards or full face shield is recommended.

### **OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

None needed under normal use: However, use of solvent resistant aprons or other clothing is recommended.

### **WORK / HYGIENIC PRACTICES**

Eye washes and safety showers in the workplace are recommended.

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## **OTHER INFORMATION**

THIS INFORMATION IS BASED ON PRESENT KNOWLEDGE AND SHOULD BE USED ONLY AS A GUIDE. HOWEVER, THIS SHALL NOT CONSTITUTE A GUARANTEE FOR ANY SPECIFIC PRODUCT FEATURES. ADVANCED LUBRICATION TECHNOLOGY INC. IS NOT HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCTS. MSDS HAS BEEN PREPARED IN ACCORDANCE WITH EU DIRECTIVE 67/548/EEC, 91/155/EEC AND OTHER EU COMMUNITY LEGISLATIONS IN FORCE.