

ADVANCED LUBRICATION TECHNOLOGY, INC.

Material Safety Data Sheet

Rev. date: 3/25/06

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: LubriSilk™ Aerosol Lubricant

Catalog Number: LS-AE

Company Name & Address:

Advanced Lubrication Technology, Inc.
3000 SW 42nd 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.

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
Carbon Dioxide Osha Pel: 10000 PPM, ACGIH TLV: 5000 PPM	124-38-9	38650	60	3

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

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: AEROSOL PRODUCT

4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 55 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.

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.

6. HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Respiratory irritation, dizziness, headache, nausea, fatigue, drowsiness, impaired co-ordination, eye watering.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Skin: Contact my dry skin; prolonged contact may cause irritation. Eyes: Liquid or vapor may irritate.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Can be absorbed through skin. Solvent action can dry and defat the skin causing skin to crack, leading to dermatitis.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

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

HEALTH HAZARDS (ACUTE AND CHRONIC)

Acute: eye, skin, and respiratory system irritant. Narcotic in high concentrations. Severe overexposure may cause damage to the blood. Chronic: Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system and other internal organ damage.

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

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Liver and kidney disease, anemia, coronary 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.

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 puncture or incinerate (burn) cans. Do not stick pin, nail ro any other sharp object into opening on top of can. Do not spray in eyes. Do not take internally. See product label for additional information.

OTHER PRECAUTIONS

Small pressurized 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 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

Sufficient 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 under normal use. Solvent resistant gloves required for prolonged of repeated contact.

EYE PROTECTION

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

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

None 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.

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.
