

Product Code: LA700
 Product Name: DRAWER LUBE AEROSOL

GEMINI INDUSTRIES, INC., 2300 HOLLOWAY DRIVE, EL RENO, OK 73036
 24-hour Emergency Phone: 800-510-8510

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

(SEE TOP OF PAGE)

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT/EXPOSURE LIMITS	CAS#
PROPELLANT	MIXTURE
PROPANE-ACGIH TLV 1000 PPM, OSHA PEL 1000PPM	
N.BUTANE-ACGIH TLV 800 PPM, OSHA PEL PEL 800 PPM	
TRICHLOROETHYLENE	79-01-6
HEXANE	64742-49-0
OSHA PEL TWA 50ppm	
ACGIH 50ppm TWA, STEL 1000ppm	
PROPANE	74-98-6
N. BUTANE	106-97-8
1, 2-BUTYLENE OXIDE	106-88-7

3. HAZARDS IDENTIFICATION

FLAMMABLE LIQUID UNDER PRESSURE
 VAPOR CAUSES EYE BURNS AND SKIN IRRITATION

POTENTIAL HEALTH EFFECTS

SKIN:

Widespread contact with skin for several hours can cause harmful amounts of material to be absorbed.

INGESTION:

Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and even asphyxiation.

INHALATION:

High vapor concentrations or prolonged breathing of lower concentrations may result in damage to the liver, kidneys, lungs and blood forming organs.

4. FIRST AID MEASURES

EYES:

Flush with luke warm water for a minimum of 15 minutes. Seek medical attention immediately.

SKIN:

Remove contaminated clothing, wash area immediately with soap and water. See physician if irritation persists.

INGESTION:

Rinse mouth immediately. Drink 1 or 2 glasses of water to dilute. Do NOT induce vomiting. Contact physician or poison control center immediately.

INHALATION:

Remove exposed individual to fresh air and assist breathing if necessary. Seek immediate medical attention.

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5. FIRE FIGHTING MEASURES

FLAMMABLE CLASSIFICATION: CLASS 1B
LOWEST FLASH POINT: -132.23F
METHOD:

FLAMMABLE LIMITS:

LOWER FLAMMABLE LIMIT: .6
UPPER FLAMMABLE LIMIT: 9.5

EXTINGUISHING MEDIA: Alcohol Foam, CO2, Dry Chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS

Burning may produce oxides of nitrogen and carbon. Do not puncture or incinerate container. Exposure to heat or prolonged exposure to sun may cause container to burst. Do not expose to heat or store at temperatures above 120 degrees F. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, sparks, heaters, smoking, electrical motors or static discharge distant from handling point.

FIREFIGHTING INSTRUCTIONS:

6. ACCIDENTAL RELEASE MEASURES

Stay upwind and away from spill or leak unless wearing appropriate protective equipment. Stop and/or contain discharge if it may be done safely. Keep all sources of ignition away. Ventilate area of spill. Use non-sparking tools for clean up. Cover with inert material to reduce fumes. Keep out of drains, sewer or waterways. If large spill occurs, alert spill response teams. Contact fire authorities. Notify local health and pollution control agencies.

7. HANDLING AND STORAGE

HANDLING:

Personnel should avoid inhalation of vapors. Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected skin areas with water. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid and/or solid), all hazard precautions given in this sheet must be observed.

STORAGE:

Keep product containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. DO NOT SMOKE in or near storage areas

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

PRIMARY ROUTES OF ENTRY: inhalation, skin contact, eyes, ingestion.

Use local exhaust as required to control vapor concentrations. Avoid prolonged or repeated breathing of vapors. If exposure exceeds TLV, use NIOSH-approved respirator to prevent overexposure.

SKIN PROTECTION:

Required for prolonged or repeated contact. Wear resistant gloves such as natural rubber, neoprene, butyl or nitrile. An apron should be worn to avoid skin contact.

EYE PROTECTION:

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Wear splashproof goggles and face shield if there is a likelihood of contact with eyes.

HYGENIC PRACTICES:

Wash hands thoroughly before eating or using restroom. Remove contaminated clothing immediately and do not wear again until it has been properly laundered.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: -11.95
MELTING POINT: N/A
VAPOR PRESSURE: N/A
VAPOR DENSITY: Heavier Than Air
SOLUBILITY IN WATER: N/A
SPECIFIC GRAVITY: .856
COATING VOC LB/GL: 1.7828 lb/gl
COATING VOC GM/LTR: 214 g/l
MATERIAL VOC LB/GL: 1.7828 lb/gl
MATERIAL VOC GM/LTR: 214 g/l
% VOLATILE BY VOLUME: 39.618%
EVAPORATION RATE: Faster than Butyl Acetate.
WEIGHT PER GALLON: 7.131 lb/gl
PH: N/A
ODOR: N/A
APPEARANCE: N/A

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:
Stable Conditions to Avoid: high heat, sparks, flames
INCOMPATIBILITY
Materials to Avoid: Strong oxidizing agents, strong alkalines, strong mineral acids.
HAZARDOUS DECOMPOSITION PRODUCTS:
Oxidation may produce carbon and nitrogen oxides.
HAZARDOUS POLYMERIZATION:
Will not occur.

11. TOXICOLOGICAL INFORMATION

CANCER INFORMATION:
This product contains no reported carcinogens or suspected carcinogens. This product contains no reportable hazardous ingredients. This Material Safety Data Sheet contains information on good industrial practice for safe handling of all industrial chemicals.

TERATOLOGY (BIRTH DEFECT) INFORMATION:

This product contains no reported or suspected teratogens.

REPRODUCTION INFORMATION:

This product contains no reported or suspected mutagens.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

AEROSOLS, FLAMMABLE, 2.1, UN1950

15. REGULATORY INFORMATION

HMIS HAZARD INDEX: 4=SEVERE, 3=SERIOUS, 2=MODERATE, 1=SLIGHT, 0=LEAST
HEALTH: 2

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FLAMMABILITY: 4
REACTIVITY: 0
PERSONAL PROTECTION: J
SECTION 313:

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* TRICHLOROETHYLENE 79-01-6

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16. DISCLAIMER:

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