

SAF-T-LOK

International Corporation

Material Safety Data Sheet

T-GEL LUBE

Issue Date: 19/11/2007

SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: TGA-10
Product Type: Lubricant
Part Numbers: **85956**
Hazard Rating: Health: 1 Fire: 4 Reactivity: 0

Company Identification: SAF-T-LOK International Corporation
300 EISENHOWER LANE NORTH
LOMBARD, IL 60148

Contact: Helen Sherry
Telephone/ Fax: (630) 495-2001
Emergency Phone (24 Hour): (703) 527-3887
Chemtrec (24 Hour): (800) 424-9300
Preparer: Ind. Hygiene Department
Internet: www.saftlok.com

Product Class: Mixture
DOT Hazard Class: Aerosols
Shipping Name: Flammable Gas

SECTION II - INGREDIENT AND HAZARD INFORMATION

Components	CAS#	OSHA PEL	ACGIH TLV	Percent
N-Hexane	110-54-350	50 PPM	50	
Propane/Isobutane/N-Butane	68476-86-8	800 ppm	1000 ppm	35
Olefin Polymer	Proprietary	5 mg/ m ₃	5 mg/m ₃	10

SECTION III - HAZARD IDENTIFICATION AND EMERGENCY OVERVIEW

EMERGENCY OVERVIEW

Physical appearance: Aerosol

HMIS

Health: 1
Flammability: 4
Reactivity: 0
Personal Protection: B

WARNING; MAY CAUSE: EYE IRRITATION
SKIN IRRITATION
RESPIRATORY TRACT IRRITATION
MAY IRRITATE EXISTING ALLERGIC SKIN CONDITIONS

Relative routes of entry: Skin, Inhalation, Eyes

Skin Contact: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Eye Contact: Liquid, aerosols, and vapors of this product are irritating and can cause pain, tearing, reddening, and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eye.

Ingestion: Not a likely route of exposure. But may be harmful or fatal if swallowed.

Medical conditions generally aggravated by over exposure: May cause nervous system damage, lung damage, kidney damage or liver disorder.

SECTION IV – FIRST AID INSTRUCTIONS

Skin Contact: Remove contaminated clothing. Wash affected area with soap and rinse with plenty of water. Get medical attention if irritation persists. Wash clothing before reuse.

Eye Contact: Flush with water for at least 15 minutes holding eyelid open. Get medical attention if symptoms persist.

Respiratory / Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Ingestion: Do not induce vomiting. Get medical attention immediately. Give victim a glass of water or milk. Never give anything by mouth to an unconscious person.

SECTION V – FIRE FIGHTING INSTRUCTIONS

Flash Point:	156°F (Pensky-Martens C.C.)
Unusual Fire and Explosion Hazards:	Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Vapors can travel to a source of ignition and flash back. Do not pressurize, cut, weld, braze, solder, drill, grind, or Expose such containers to heat, flame, sparks, static Electricity, or other sources of ignition.
Flammable Limits:	LEL:1.0, UEL: 9.5
Extinguishing Media:	Carbon Dioxide, Foam, Dry Chemicals, Water fog
Fire Fighting Procedures:	Air mask, goggles, and procedures for fighting chemical fires Containers can build up pressure if exposed to heat.

SECTION VI -ACCIDENTAL RELEASE MEASURES

Special Precautions:	Avoid breathing vapors. Ventilate area. Remove all sources of ignition.
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Clean up methods:	Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.
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SECTION VII - HANDLING AND STORAGE

Handling:	Avoid contact with eyes, skin, and clothing. Avoid breathing vapors. Wash hands thoroughly at mealtime and end of shift.
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Storage:	Store in a cool location (60-90°F) in a well ventilated area away from sources of heat. Do not puncture or incinerate (burn) cans. Do not stick pin, nail or any other sharp object into opening on top of can. Do not spray in eyes.
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Personal Protection:

Product: TGA-10

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 PIL / TLV limits.

SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection:	A NIOSH / MSHA approved air purifying respirator with an organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.
Skin Protection:	None necessary under normal use. Solvent resistant required for prolonged or repeated contact.
Eye Protection:	Use of safety glasses with splash guards or full face shield is recommended.
Eye Washes:	Eye wash stations should be located within 100 feet or 10 second walk of the work area.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Aerosol
Odor:	Solvent
Boiling Range:	-43°F – 159°F
Freeze Point:	32°F
Vapor Pressure:	80 - 90
Specific Gravity:	0.6394
Vapor Density (Air = 1):	Heavier than air
pH:	N/A
Melting Point:	N/A
Evaporation Rate:	Faster than Butyl Acetate
Solubility in Water:	Complete
Volatile Organic Compounds (VOC):	4.44 lbs gal, 532 grams/ Ltr

SECTION X – STABILITY AND REACTIVITY

Stability:	Stable under normal storage conditions
Hazardous Polymerization:	Will not occur.
Hazardous decomposition byproducts:	Oxides of carbon, oxides of nitrogen, and may produce Forms of chloride, chlorine, and phosgene.
Incompatibility:	Strong oxidizing agents, acids, alkalis, and amines.

SECTION XI – TOXICOLOGICAL INFORMATION

Product LD50: 5000 mg/kg Product LC50: 150000 ppm

COMPONENT TOXICOLOGICAL INFORMATION:

CHEMICAL NAME	LD50	LC50
N-Hexane	28710 MG/KG/RAT	15000 MG/M3/MOUSE
Propane/Isobutane/N-Butane	NE	658000 MG/KG/4HRAT
Olefin Polymer	ND	ND

SECTION XII – ECOLOGICAL INFORMATION

No Information

SECTION XIII – DISPOSAL CONSIDERATIONS

Recommended method of disposal:	Dispose of according to Federal, State and local regulations. Before attempting clean up, refer to other sections of this MSDS for hazard caution information.
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SECTION XIV – SHIPPING AND TRANSPORTATION INFORMATION

U.S. Department of Transportation Ground (49 CFR)

Proper Shipping Name: Aerosol / Consumer Commodity
Hazard Class or Division: Flammable Gas/ ORM-D
Identification Number: UN 1950

SECTION XV – REGULATORY INFORMATION

U.S. Federal Regulations as follows:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA – SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA “Hazardous Categories” promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD FIRE HAZARD PRESURIZED GAS HAZARD

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of SARA and 40 CFR Part 372.

Chemical Name	CAS Number	WT/ WT % IS LESS THAN
N-Hexane	110-54-3	50

CALIFORNIAA PROPOSITION 65:

No Proposition 65 chemicals exist in this product.

SECTION XVI – OTHER INFORMATION

Revision date: 03-09-07

DISCLAIMER: The information on this material safety data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user. SAF-T-LOK International Corporation specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of SAF-T-LOK International Corporation products.