

# MATERIAL SAFETY DATA SHEET

## Curtis/GlenChem Corp.

Eddystone Industrial Park  
2000 Industrial Highway  
Eddystone, PA 19022-1513

Daytime Telephone: (610) 876-9906  
24 Hour Emergency: CHEMTREC® (800) 424-9300

Product: **FILUBE™ Syn 46 Aerosol Cans**

MSDS No.: LFE-SHO-046A - Rev. 1.0  
Replaces - Rev. None Date: 01-Jan-07  
Updated Sections: None

### -- SECTION 01 - IDENTIFICATION AND INFORMATION --

Product or Trade Name:..... FILUBE Syn 46 Aerosol Cans  
Chemical Name/Synonym:..... Polyalphaolefin, synthetic hydrocarbon lubricant  
Chemical Family:..... Synthetic hydrocarbon  
Formula:..... Proprietary  
Product Code:..... LFE-SHO-046A

Product Description: Synthetic hydrocarbon based food grade lubricant, in aerosol can

HMIS  
Hazard Rating:  
Legend:  
Health:..... 1 0 - Least  
Fire:..... 4 1 - Slight  
Reactivity:..... 0 2 - Moderate  
Personal Protection:... B 3 - High  
4 - Severe

### -- SECTION 02 - PHYSICAL DATA --

Boiling Point: ..... Not Determined Solubility in Water: ..... Negligible  
Vapor Pressure: ..... Not Determined Specific Gravity: ..... 0.89 (Typical) (H<sub>2</sub>O=1)  
Vapor Density: ..... Not Determined % Volatile by Volume: ..... Up to 10%  
Appearance: ..... Off-white Odor: ..... Odorless after a few seconds  
pH: ..... N/A pH working solutions: ..... N/A

### -- SECTION 03 - HAZARDOUS COMPONENTS --

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
* Propane (aerosol propellant)	74-98-6	1 – 10	2500 ppm	2500 ppm
Synthetic hydrocarbon plus additives (proprietary mixture)	-----	90 - 100	-----	-----

\* Propellants are not actually part of the product, and they separate from the product and dissipate in atmosphere upon being expelled from the can.

### -- SECTION 04 - FIRE AND EXPLOSION HAZARD DATA --

Flash Point: ..... 475°F (246° C) (ASTM D-92) for material once *applied and out of the can*.  
Extinguishing Media: ..... Small Fire: CO<sub>2</sub>, water fog, dry chemical, or foam; Large Fire: All-purpose-type foam.  
Special Fire Fighting Procedures: ..... Use self-contained breathing apparatus; water may be used to cool adjacent containers.

### -- SECTION 05 - REACTIVITY DATA --

Stability: ..... Normally Stable.  
Incompatibility: ..... Extreme Heat, strong acidic and alkaline oxidizers.  
Hazardous Decomposition Products: ..... Carbon monoxide may form upon thermal degradation, carbon dioxide and sulfur oxides.  
Hazardous Polymerization: ..... Will not occur.

**-- SECTION 06 - SPILL, LEAK, AND DISPOSAL PROCEDURES --**

Small Spills: Absorb with sand or inert material; scoop up and dispose to proper container.  
Large Spills: Prevent spread of spill by dyking. Salvage uncontaminated material if possible. Absorb remainder of spill with inert material; scoop up and dispose to proper container.

ALWAYS DISPOSE OF MATERIAL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CODES FOR THAT TYPE OF MATERIAL.

**-- SECTION 07 - HEALTH HAZARD DATA --**

EYE CONTACT:..... No known or anticipated significant hazard; May be irritating, cause redness, blurred vision or tearing.  
SKIN CONTACT: ..... Prolonged contact may cause dryness and dry skin irritation.  
INHALATION:..... Test of similar products using propane and hexane propellants indicate the possibility of symptoms: headache, nasal and respiratory irritation, nausea, drowsiness, fatigue, loss of consciousness and convulsions. Can cause central nervous system depression.  
INGESTION: ..... Acute aspiration hazard, slightly toxic by ingestion – There is danger of product being aspirated into lungs during vomiting, and aspiration can result in severe lung damage or death.  
EFFECTS OF OVEREXPOSURE:..... None currently known or anticipated.  
IARC and NTP ..... NONE of the ingredients in this product are listed by the NTP, IARC, or OSHA as possible carcinogens.

**-- SECTION 08 - FIRST AID --**

EYES: ..... Flush with water for a minimum of 15 minutes (industry safety standard for all materials). Seek medical attention if discomfort occurs.  
SKIN:..... Flush with water; wash with soap and water after handling.  
INHALATION:..... Remove to fresh air.  
INGESTION: ..... DO NOT INDUCE VOMITING. Seek medical attention if discomfort occurs.

**-- SECTION 09 - SPECIAL HANDLING INFORMATION --**

VENTILATION:..... No external ventilation normally required under ordinary conditions of use.  
RESPIRATORY PROTECTION: ..... None normally required under ordinary conditions of use, and with adequate ventilation.  
PROTECTIVE CLOTHING:..... None normally required; always use good industrial hygiene practices.  
EYE PROTECTION:..... None normally required; use tight fitting or chemical workers goggles if misting is anticipated.  
EXPOSURE LIMITS ..... No components have recognized exposure limits. Assume 5 mg/m<sup>3</sup> for oil mist.

**-- SECTION 10 - REGULATORY AND ADDITIONAL INFORMATION --**

HANDLING AND STORAGE: Do not breathe vapors or mist. Do not allow contact with eyes, or leave in contact with skin for prolonged periods. Wash contaminated clothing prior to re-use. Do not allow contact with oxidizers. Store out of direct sunlight below 120°F (49°C) and away from open flame.

D.O.T.: Shipping Classification: Consumer Commodity, ORM-D  
US D.O.T.: Hazard Class and Packing Group: 2.1 – None – Air Transportation

TSCA - The ingredients in this material are listed on the TSCA Inventory; no other TSCA issues.

SARA Title III Information (for components of this material): A) Sections 311/312 - Immediate; B) Section 313 – None Listed; C) Section 302 – None Listed as 'Extremely Hazardous Substances.'

CERCLA Information (for the components): None Listed in Table 302.4 of 40 CFR Part 302 as a hazardous substance with NRC RQs

WHIMIS Classification (Canada): Not a controlled product. All ingredients listed on the Canadian DSL.

Abbreviations Used in this Material Safety Data Sheet: < = Less Than; > = Greater Than; N/A = Not Applicable; N/E = Not Established; N/L = Not Listed; N/D = Not Determined; TWA = Time Weighted Average; STEL = Short Term Exposure Limit; PEL = Permissible Exposure Limit; NIOSH = National Institute of Occupational Safety & Health; OSHA = Occupational Safety & Health Administration; ACGIH = American Conference of Government and Industrial Hygienists; NTP = National Toxicology Program; IARC = International Agency for the Registration of Carcinogens; TSCA = Toxic Substance Control Act; SARA = Superfund Amendment Reauthorization Act; RQs = Reportable Quantities; CERCLA = Comprehensive Environmental Response Compensation and Liability Act; NRC = National Response Center; RCRA = Resource Recovery and Conservation Act.

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