

MATERIAL SAFETY DATA SHEET

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Product: **FICOMPOL™ SYN (Series)**
32, 46, 68, 100 and 150
MSDS No.: LFESCxxx - Rev. 1.1 Date: 10/03
Replaces - Rev. 1.0 10/03
Updated Sections: 01

-- SECTION 01 - IDENTIFICATION AND INFORMATION --

Product or Trade Name:.....	FICOMPOL™ Syn (series of compressor fluids)	HMIS / NFP	
Chemical Name/Synonym:.....	Polyalphaolefin base oil with additives	<u>Hazard Rating:</u>	<u>Legend:</u>
Chemical Family:.....	Synthetic hydrocarbon compound	Health:.....	1 / 1 0 - Least
Formula:.....	Proprietary	Fire:.....	1 / 1 1 - Slight
Product Code:.....	LFE-SC-XXX (where XXX stands for ISO Viscosity)	Reactivity:.....	0 / 0 2 - Moderate
		Protection:.....	B 3 - High Product
			4 - Severe

Description: Food grade (H1) synthetic compressor fluid series with varying ISO Viscosity values.

-- SECTION 02 - PHYSICAL DATA --

Boiling Point:.....	N/D	Solubility in Water:.....	Negligible
Vapor Pressure:.....	< 0.1 (mmHg) @ 20° C	Specific Gravity:.....	0.83 (Typical) (H ₂ O=1)
Vapor Density:.....	> 2.0 (AIR=1)	% Volatile by Volume:.....	N/A
Appearance:.....	clear liquid	Odor:.....	Mild
pH:.....	N/A	pH working solutions:.....	N/A
Viscosity:.....	108 cSt. @ 100°F		

-- SECTION 03 - HAZARDOUS COMPONENTS --

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
* None				
Inert and/or non-hazardous components	-----	100	-----	-----

* Component hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200) or one or more state Right-To-Know lists.

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

Flash Point:.....465°F (ASTM D92)
Autoignition Temperature:.....N/E
Flammability Limits:.....N/E
Extinguishing Media:.....Small Fire: CO₂, 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:.....Stable. Will not react with water
Incompatibility:.....Strong oxidizers
Hazardous Decomposition Products:.....Carbon monoxide / carbon dioxide may form upon thermal degradation.
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.
SKIN CONTACT: Prolonged contact may cause dryness and dry skin irritation.
INHALATION:..... No data - situation not normally encountered.
INGESTION: No known or anticipated significant hazard.
EFFECTS OF OVEREXPOSURE:..... None currently known or anticipated; low oral and dermal toxicity; prolonged or repeated exposure may cause irritation, nausea and vomiting.
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. Never give anything by mouth to an unconscious person.

-- 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. Use of chemical impervious gloves (butyl rubber) are recommended.
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/m³ for oil mist.
EMPLOYEE PROTECTION: General personal hygiene - wash hands thoroughly after handling. Avoid contact with skin and eyes.

-- 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. Empty Containers: Do not reuse empty containers for storage of foodstuffs or potable water. For returnable drums or drums set aside for reconditioner, empty drums as completely as possible and fit bungs tightly with undamaged closures. D.O.T. regulations forbid transportation of partially filled and unclosed containers.

D.O.T.: Shipping Classification: Not Regulated

TSCA - The ingredients in this material are listed on the TSCA Inventory.

SARA Title III Information (for components of this material): A) Sections 311/312 - None Listed; 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

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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