MATERIAL SAFETY DATA SHEET

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Product: **UHF-S-68**

MSDS No.: LUHF-S-068 - Rev 1.1 Date: 10/00
Replaces - Rev 1.0 09/00
Reason: Section 02

-- SECTION 01 - IDENTIFICATION AND INFORMATION --

Product or Trade Name: UHF-S-68
Chemical Name/Synonym: ..... PROPRIETARY BLEND
Chemical Family: ..... SYNTHETIC HYDROCARBON
Formula: ..... PROPRIETARY
Product Code: L-UHF-S-068

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

Product Description: ISO 32, Synthetic Food Grade Lubricant and Hydraulic Fluid

-- SECTION 02 - PHYSICAL DATA --

Boiling Point: ..... > 600°F
Vapor Pressure: ..... < 1 (mmHg) @ 70°F
Vapor Density: ..... > 1 (AIR=1)
Appearance: ..... Clear, colorless to straw colored liquid
pH: ..... Neutral

Solubility in Water: ..... Nil
Specific Gravity: ..... 0.845 - 0.855 (H_2O=1)
% Volatile by Volume: ..... Nil at ambient temps.
Odor: ..... None
Pour Point: ..... -48° F. (ASTM D-97)

-- SECTION 03 - HAZARDOUS COMPONENTS --

CHEMICAL NAME	CAS #	% Range	OSHA PEL	ACGIH TLV
There are no hazardous ingredients in this product	None			

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

Flash Point: ..... 450°F (232°C) ASTM D-62, Cleveland Open Cup
Extinguishing Media: ..... Small Fire: CO^2, water fog, dry chemical; Large Fire: Alcohol-type or all-purpose-type foam.
Special Fire Fighting Procedures: ..... NIOSH/MNSA approved, self-contained breathing apparatus; water may be used to cool adjacent containers.

-- SECTION 05 - REACTIVITY DATA --

Stability: ..... Stable.
Incompatibility: ..... Strong oxidizers.
Hazardous Decomposition Products: ..... Carbon monoxide 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:..... Non-irritating to eyes upon contact.
SKIN CONTACT:..... Product is not expected to cause any skin irritation upon single or repeated contact. Prolonged contact may result in dry skin irritation.
INHALATION:..... Inhalation of oil mists poses a risk of pulmonary disease such as chronic lung inflammation. Shortness of breath and cough are most common symptoms. Aspiration may lead to chemical pneumonitis, which is characterized by pulmonary edema and hemorrhage and may be fatal. Signs of lung involvement include increased heart and respiration rate, and a bluish discoloration of the skin. Gastrointestinal discomfort may develop, followed by vomiting, further increasing the risk of aspiration.
INGESTION:..... May act as a laxative, resulting in abdominal cramps and diarrhea.
EFFECTS OF OVEREXPOSURE:..... None currently known.

-- SECTION 08 - FIRST AID --

EYES:..... Flush with water for a minimum of 15 minutes to flush any contaminants that may have been carried into the eyes by the material. If hot solution has entered eyes, treat as thermal burn.
SKIN:..... Flush with water; wash with soap and water after handling.
INHALATION:..... Remove to fresh air. Seek medical attention if irritation persists.
INGESTION:..... Seek precautionary medical attention. Never give anything by mouth to an unconscious person.

-- SECTION 09 - SPECIAL HANDLING INFORMATION --

VENTILATION:..... None normally required; product normally does not produce vapors or mist, unless heated and/or atomized. Provide adequate non-local ventilation for these conditions.
RESPIRATORY PROTECTION:..... None normally required; NIOSH approved respirator for mist conditions.
PROTECTIVE CLOTHING: ..... Impervious gloves suitable for the conditions.
EYE PROTECTION:..... Protective eye wear commensurate with the application.

-- 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: Synthetic Lubricating Oil, Unregulated

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

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

CERCLA Information for ingredients of this compound: None Listed in Table 302.4 of 40 CFR Part 302 as hazardous substances with NRC RQs in lb.

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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