HAGER
WORLDWIDE

SAFETY DATA SHEET

OSHA HCS (29 CFR § 1910.1200) & UN GHS Classification

SECTION 1: IDENTIFICATION

Product Name: **BULL FROG™ "COOL LUBE" COMPRESSOR OIL**
Synonyms: White Mineral Oil, Polyoxpropylene(15) Stearyl Ether, Paraffinum Perliquidum (U.K.)
CAS Number: See Section 3
Product Use: Semi-Synthetic lubricant for industrial compressors with an anti-foaming agent.
Manufacturer/Supplier: Bull Frog™ Motor Division
441 19th Street SE
Hickory, NC 28602
General Information: **800-328-2335**
Transportation Emergency Number: 800-328-2335

SECTION 2: HAZARD(S) IDENTIFICATION

GHS CLASSIFICATION: This product is considered not hazardous under OSHA HCS (29 CFR 1910.1200) (Hazard Communication)

Symbols: None

2.1 EMERGENCY OVERVIEW

Specific Physical Form: Liquid
Odor, Color, Grade: Clear, slight yellow color with slight almond scent
General Physical Form: Liquid
Immediate health, physical and environmental hazards: None

2.2 POTENTIAL HEALTH EFFECTS

Eye Contact: Mild Eye Irritation. Signs/symptoms may include redness, tearing, blurred or hazy vision.
Skin Contact: Mild Skin Irritation: Signs/symptoms may include localized redness, itching and dryness.
Inhalation: No effect.
Ingestion: Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

2.3 POTENTIAL ENVIRONMENTAL EFFECTS

AQUATIC TOXICITY: None
ATMOSPHERIC FATE: This product has Zero Ozone Depletion Potential (ODP).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:

White Mineral Oil — ≥ 78.0 % by volume C.A.S. No. 8042-47-5

Food Grade Synthetic Hydrocarbons — ≤ 21.0 % by volume, Proprietary Formulation; A proprietary blend of synthetic, biodegradable, non-toxic lubricants considered a Trade Secret.

Surfactant — ≥1.0% by Volume, Proprietary Formulation; A proprietary blend of non-toxic agents considered a Trade Secret added to the general formulation for the purpose of reducing and/or eliminating foaming.

SECTION 4: FIRST-AID MEASURES

4.1 FIRST AID PROCEDURES
The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Immediately flush eyes with large amounts of water for 15 minutes.
Skin Contact: N/A
Inhalation: N/A
If Swallowed: Do not induce vomiting unless instructed to do so by medical personnel. Seek medical attention.

4.2 **NOTE TO PHYSICIANS:** Exposures resulting from intentional misuse and abuse may cause an increase in myocardial irritability. Do not administer sympathomimetic drugs unless absolutely necessary.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 FLAMMABLE PROPERTIES
Flammability: Low Hazard. Product is non-flammable at ambient temperature.

5.2 EXTINGUISHING MEDIA
Dry chemical, CO_2, Water Spray, Foam, Water Fog and Sand Earth

5.3 PROTECTION OF FIRE FIGHTERS: N/A

Unusual Fire and Explosion Hazards: No unusual fire or explosion hazards are anticipated

NOTE: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Lock off leak and/or source of spill. USE CAUTION AS EXPOSED SURFACES MAY BE EXTREMELY SLIPPERY. Using saturation techniques, soak up leaked and/or spilled solutions with absorbent material. Dispose of saturated materials in accordance with Federal, State and local regulations. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system according to Federal, State and local regulations.

6.2 **Environmental precautions:** Good ventilation should be sufficient.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING: Safety glasses and protective gloves recommended as with any Food Grade Chemical. No special precautions are necessary beyond normal good hygiene practices.

7.2 STORAGE:
Store at room temperature.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 **ENGINEERING CONTROLS:** Not required.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

8.2.1 **Eye/Face Protection:** Avoid eye contact with vapors, mists or spray. The following eye protection(s) are recommended: Safety Glasses with side shields.

8.2.2 Skin Protection: Protective gloves and synthetic apron for extended use.

8.2.3 Respiratory Protection: Not required. Provide good room ventilation.

8.2.4 Prevention of Swallowing:
Do not eat, drink or smoke when using this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Specific Physical Form:	Clear Liquid
Odor, Color, Grade:	Clear, slight yellow with slight almond scent.
General Physical Form:	Liquid
Specific Gravity:	0.835 @ 15.6° C (60° F)
Flash Point:	>266° C (>510° F), Open Cup
Pour Point:	-54° C (-65° F)
Refractive Index:	1.4615 @ 25° C (77° F)
Evaporative Loss:	22h, 0.7 @ 150° C (302° F)
Aniline Point:	134.6° C (274.3° F)
Surface Tension:	30.2 Dynes/cm @ 24° C (75° F)
Total Acid Number:	<0.05 mg/KOH/g
Kinematic Viscosity:	10 cSt @ 100°C (212° F),66 cSt @ 40°C (104° F)

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable
Reactivity: Nil
Conditions to Avoid: None
Materials to Avoid: Strong oxidizing agents.
Hazardous Polymerization: Hazardous polymerization will not occur.
Hazardous Decomposition: None

SECTION 11: TOXICOLOGICAL INFORMATION

Oral Toxicity:	Practically non-toxic, LD50>2000 mg/kg
Dermal Toxicity:	Practically non-toxic, LD50>2000 mg/kg
Inhalation Toxicity:	Practically non-toxic, LD50>5 mg/1
Eye Irritation:	Practically non-irritating, Draize score: 0 or >, but <6
Skin Irritation:	Practically non-irritating, Primary Irritation Index, 0.5 or less

SECTION 12: ECOLOGICAL INFORMATION* (non-mandatory)

SECTION 13: DISPOSAL CONSIDERATIONS* (non-mandatory)

SECTION 14: TRANSPORT INFORMATION* (non-mandatory)

SECTION 15: REGULATORY INFORMATION* (non-mandatory)

**** Note: Since other Agencies regulate this information, OSHA will not be enforcing Sections 12 through 15 (29CFR 1910.1200 (g)(2)).**

SECTION 16: OTHER INFORMATION

Additional Information: None
Date of Preparation: November 28, 2014
The Following sections contain revisions or new statements: 1 - 16

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