

**MATERIAL SAFETY DATA SHEET  
SFR LUBRICANT & PENETRATING OIL**

**EMERGENCY TELEPHONE NUMBER:** HMC (Hazardous Material Compliance Corp.)  
(Info-Trac): 1-800-535-5053 \* 352-323-3500.  
Telephone Number for Information: 406-287-7836 \* 1-800-735-6438  
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**SECTION 1 – PRODUCT IDENTIFICATION**

**Product Name:** SFR LUBRICANT & PENETRATING OIL  
**Chemical Name:** Petroleum Based Lubricating Fluid  
**Product Appearance:** Amber Liquid  
**Product Odor:** Mild, Bland Petroleum Odor  
**Company Name:** SFR Corporation  
P.O. Box 457  
Whitehall, MT 59759

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**SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Component</u>	<u>CAS No.</u>	<u>OSHA</u>	<u>ACGIH</u>	<u>OTHER</u>	<u>%</u>
Low Odor Base Solvent Severely Hydro-Cracked Hydro Isomerized	64742-96-7	100 ppm	100 ppm	350 mg/m <sup>3</sup>	70-100
Specialty Base Oil	178603-65-1			5mg/m <sup>3</sup>	No limit

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**SECTION 3 – HAZARDS IDENTIFICATION**

No data available

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**SECTION 4 – FIRST AID MEASURES**

**ROUTES OF ENTRY:**  
**SKIN CONTACT:** Yes  
**SKIN ABSORPTION:** No  
**EYE:** Yes  
**INHALATION:** Yes  
**INGESTION:** Not likely under normal usages.

**ACUTE OVER EXPOSURE EFFECTS:**

**EYES:** Contact may cause mild eye irritation including stinging, watering and redness.  
**INGESTION:** Low degree of toxicity by ingestion. Aspiration hazard.  
**INHALATION:** Possible upper respiratory tract irritation.

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**SKIN:** Skin irritant. Contact may cause redness, burning, drying and cracking of the skin and skin damage. No harmful effects from skin absorption have been reported.

**CHRONIC OVER EXPOSURE EFFECTS:** No data.

**CARCINOGENICITY:** Non carcinogenic.

**NTP:** Not listed.

**IARC MONOGRAPHS:** Not listed.

**OSHA REGULATED:** Not listed.

**SYMPTOMS OF EXPOSURE:** Effects of overexposure may include irritation of the nose and throat, irritation of the digestive tract and signs of nervous system depression.

**SENSITIZATION TO MATERIAL:** Not determined.

**SPECIFIC FIRST AID PROCEDURES:**

**EYE CONTACT:** If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If the irritation persists, call a physician.

**SKIN CONTACT:** In case of contact, remove any contaminated clothing and wash the skin thoroughly with mild soap and water. If irritation persists, call a physician.

**INHALATION:** Remove to fresh air. Call a physician immediately.

**INGESTION:** If ingested, DO NOT induce vomiting; call a physician immediately. Give water or milk. Never give anything by mouth to an unconscious person.

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## SECTION 5 – FIRE FIGHTING MEASURES

**Extinguishing Media:** Use dry chemical, foam, carbon dioxide, water spray or halon. Water or foam may cause frothing, use to cool fire exposed containers.

**Explosion Data:** This material is combustible and can be ignited by heat, sparks, flames or other sources of ignition. May create vapor/air explosion hazard if heated. Vapors are heavier than air and can accumulate in low areas. If the container is not properly cooled, it can explode in a fire.

**Personal Protective Equipment:** Wear self-contained breathing apparatus and chemical resistant clothing recommended.

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## SECTION 6 – ACCIDENTAL RELEASE MEASURES

No data available

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## SECTION 7 – HANDLING AND STORAGE

**ADVICE ON SAFE HANDLING:** Keep out of eyes. Do not reuse container. Keep lid closed when not in use.

**LEAK AND SPILL PROCEDURE:** Keep all sources of ignition away from release. Keep product out of sewers and watercourses by diking or impounding. Spilled material may be absorbed into an appropriate absorbent material. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable government regulations.

**WASTE DISPOSAL:** Spilled material, unused contents and empty containers must be disposed of in accordance with local, state and federal regulations.

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**STORAGE REQUIREMENTS:** OSHA Combustible liquid – Class II liquid. Do not store near heat. Keep away from sources of ignition. Do not store or mix with strong oxidizers.

**PRECAUTIONARY MEASURES:** Always wash hands well before touching face or eating.

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## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** If level exceeds PEL use NIOSH approved organic vapor respirator.

**LOCAL EXHAUST:** To control vapors.

**MECHANICAL EXHAUST:** Recommended.

**SPECIAL VENTILATION:** Not applicable.

**OTHER VENTILATION:** Not applicable.

**PROTECTIVE GLOVES:** Use PVC or equivalent to avoid prolonged skin contact.

**EYE PROTECTION:** Use safety glasses when eye contact may occur.

**OTHER PROTECTIVE EQUIPMENT:** Use PVC or equivalent apron, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

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## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**SPECIFIC GRAVITY:** 0.80

**AUTO-IGNITION TEMP:** Not determined

**VAPOR PRESSURE:** approx 2 mmHg

**VAPOR DENSITY:** > 4 (air = 1)

**BOILING POINT:** NA

**MELTING RANGE:** Not determined

**UPPER EXPLOSION LIMIT (% BY VOL):** 6.0

**LOWER EXPLOSION LIMIT (% BY VOL):** 0.7

**FLASH POINT:** 156°F Min. (COC)

**EVAPORATION RATE:** Less than 1 (butyl acetate = 1)

**SOLUBILITY:** Negligible.

**DESCRIPTION:** Amber liquid / Characteristic solvent odor.

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## SECTION 10 – STABILITY AND REACTIVITY

**STABILITY:** The product is stable and will not react violently with water.

**CONDITIONS OF REACTIVITY:** None.

**INCOMPATIBLE MATERIALS:** Strong oxidizers, strong reducing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**POLYMERIZATION AVOID:** N/A

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## SECTION 11 – TOXICOLOGICAL INFORMATION

No Data is Available

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## SECTION 12 – ECOLOGICAL INFORMATION

No Data is Available

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## SECTION 13 – DISPOSAL CONSIDERATIONS

No Data is Available

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## SECTION 14 – TRANSPORTATION INFORMATION

No Data is Available

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## SECTION 15 – REGULATORY INFORMATION

**DOT PROPER SHIPPING NAME:** Combustible liquid, n.o.s.

**DOT HAZARD CLASS:** 3

**DOT IDENTIFICATION NUMBER:** UN 1993

**DOT PACKING GROUP:** PG III

**DOT LABEL REQUIRED:** Combustible

**SARA TITLE III – SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES:** None

**SECTION 311/312 HAZARD CATEGORIES:** Fire Hazard

**SECTION 313 – TOXIC CHEMICALS:** Contains less than 1% barium compounds.

**TSCA INVENTORY STATUS:** Chemical components listed on TSCA inventory.

**RCRA WASTE NUMBER:** Not applicable

**WHIMS:** Division 3 – Combustible liquid

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## SECTION 16 – OTHER INFORMATION

**NFPA RATING:** Health – 1. Flammability – 2. Reactivity – 0.

**HMIS RATING:** Health – 1. Flammability – 2. Reactivity – 0. Personal Protection – B.

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