

**MATERIAL SAFETY DATA SHEET
SFR H-ZOL**

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
Date Revised: 3/21/2006

SECTION 1 – PRODUCT IDENTIFICATION

Product Name: H-ZOL
Chemical Name: Composition of Additives
Product Appearance: Honey gold
Product Odor: Mild
Classification: Hydraulic Oil Fortifier
Company Name: SFR Corporation
405 W. Legion
Whitehall, MT 59759

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Classification</u>	<u>Composition</u>
Mixture of hydrocracked, hydroisomerized Group III	178603-64-0, 178603-65-1, 178603-66-2		
Anti-Wear Additive	122-39-4	Diphenylamines	
Anti-Wear Additive	7783-06-4	Hydrogen sulfide	

SECTION 3 – HAZARDS IDENTIFICATION

May cause eye, skin or respiratory irritation. May be harmful if inhaled or swallowed.

SECTION 4 – FIRST AID MEASURES

Eye Contact: Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Wash clothing before reuse. Get medical attention immediately.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Ingestion: Do not induce vomiting give two glasses of water or milk, a little at a time. May be harmful if swallowed. Call a physician.

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point: Closed Cup 242° C (347° F) Typical

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Stop the source of the leak or release. Clean up releases as soon as possible, observing precautions in Exposure Controls/Personal Protection. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbet materials or pumping. Dike if needed. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.

SECTION 7 – HANDLING AND STORAGE

Keep away from sources of ignition. DO NOT reuse empty containers without commercial cleaning or reconditioning. Practice good personal hygiene. Wash hands after handling and before eating. Launder work clothes frequently. Discard saturated leather goods. Avoid breathing vapors or spray mists. Keep containers closed and store in a cool, well-ventilated place away from incompatible materials.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the workstation location.

Personal Protection: Splash goggles, long sleeves, and chemical resistant gloves.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not determined

Odor: Characteristic mild

Color: Honey Gold

SECTION 10 – STABILITY AND REACTIVITY

Stability: Material is normally stable at moderately elevated temperatures and pressures.

In compatibility with various substances: Acids, oxidizing agents.

Thermal Decomposition: Smoke, carbon monoxide, aldehydes and other products of incomplete combustion. Hydrogen sulfide and alkly mercaptans and sulfides may also be released. Under combustion conditions oxides of the following elements will be formed: nitrogen, phosphorous, sulfur. Hydrogen sulfide may also be released. Diphenylamine and

alkenes may also be released. Odorous and toxic fumes may form from decomposition of this product if heat sources in excess of 250° F (121° C.) are used.

SECTION 11 – TOXICOLOGICAL INFORMATION

Carcinogenicity: NTP No, IARC No, OSHA No.

Eye Effects: The eye irritation hazard is based on data for a similar material.

Skin Hazard: The skin irritation hazard is based on data for a similar material.

Special remarks on Toxicity to Animals: Acute oral toxicity (LD50): 15000 mg/kg (rat) for related material.

Sensitization: No data available. Similar products have been found to cause allergic reactions in sensitive individuals.

SECTION 12 – ECOLOGICAL INFORMATION

Oral Toxicity: The LD50 in rats is > 5000 mg/kg. Based on data from components or similar materials.

Inhalation Toxicity: Inhalation of high concentrations of vapors of this product may cause loss of consciousness and death. Inhalation of lower concentrations may cause headache, dizziness and nausea.

SECTION 13 – DISPOSAL CONSIDERATIONS

Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.

SECTION 14 – TRANSPORTATION INFORMATION

DOT: Not a DOT controlled material (United States)

International Transportation: Not a hazardous material.

SECTION 15 – REGULATORY INFORMATION

TSCA: All of the components of this product are listed on the TSCA Inventory.

CERCLA: If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA). We recommend that you contact local authorities to determine if there may be other local reporting requirements.

SECTION 16 – OTHER INFORMATION

Hazard Rating Systems: This information is for people trained in: National Paint & Coatings Association (NPCA) Hazardous Materials Identification System (HMIS) National Fire Protection Association (NFPA 704)

	NPCA-HMIS	NFPA 704
Health	2	2
Flammability	1	1
Reactivity	0	0

The information and recommendations contained herein are, to the best of SFR Corporation's knowledge and belief, accurate and reliable as of the date issued. SFR Corporation does not warranty or guarantee their accuracy or reliability, and SFR Corporation shall not be liable for any loss or damage arising out of the use thereof. The NFPA ratings recommended are based upon the criteria supplied by the developers of these rating systems, together with SFR Corporation.