

**MATERIAL SAFETY DATA SHEET
SFR GEARZOL**

EMERGENCY TELEPHONE NUMBER: HMC (Hazardous Material Compliance Corp.) (Info-Trac): 1-800-535-5053 * 352-323-3500.

Telephone Number for Information: 406-782-9722 * 1-800-735-6438

Date Revised: 8/11/2006

SECTION 1 – PRODUCT IDENTIFICATION

Product Name: GEARZOL

Chemical Name: Composition of Additives

Product Appearance: Light Amber

Product Odor: Mild Gear Oil

Classification: Gears 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	
PAO	68037-01-4	1-Decene Homopolymer	
Olefin sulfide	Confidential		
Fatty Acid Dimers and Trimers Mixture	Confidential		

SECTION 3 – HAZARDS IDENTIFICATION

May Cause Allergic Skin Reaction

SECTION 4 – FIRST AID MEASURES

Eye Contact: May cause eye irritation. Flush with large amounts of water, lifting upper and lower lids occasionally. Get medical attention.

Skin: May cause skin irritation. Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use.

Inhalation: Inhalation hazards are minimal at ambient temperatures (less than 100° F). May cause irritation to eyes and respiratory tract in high concentrations. If affected, remove individual to fresh air. If breathing is difficult, have a qualified person restore and/or support breathing with oxygen, if needed. Get medical attention immediately.

Ingestion: May be harmful if swallowed. Quickly give 3 or more glasses of water or milk to drink. Get medical attention immediately.

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point: 248° F.

Extinguishing media: CO₂, dry chemical, or foam. Water can be used to cool and protect exposed material.

Firefighting Procedures: Recommend wearing self-contained breathing apparatus. Water may cause splattering.

Unusual Fire & Explosion Hazards: Toxic fumes, gases or vapors may evolve on burning.

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 sorbent 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

Handling Procedures: Keep containers closed when not in use. Wash thoroughly after handling. Empty container contains product residue which may exhibit hazards of product.

Maximum storage: 45 Deg. C, 113 Deg F.

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

Flash Point: 77° C, 170.6° F PMCC (Typical)

Boiling Point: not determined. Material does not have explosive properties.

Odor: Characteristic gear oil mild.

Color: Light Amber

SECTION 10 – STABILITY AND REACTIVITY

Stability: Material is normally stable at room temperature and pressure. See the Handling and Storage Section for more details.

Incompatibility: Strong Oxidizing Agents.

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

SECTION 11 – TOXICOLOGICAL INFORMATION

Eye: Severely irritating

Skin: Repeated or prolonged contact may cause irritation

Inhalation: May cause pneumonitis

Chronic Effects: Not listed as human carcinogen by OSHA, IARC, or NTP.

Signs and Symptoms: Irritation of the skin or respiratory tract.

SECTION 12 – ECOLOGICAL INFORMATION

Freshwater Fish Toxicity: The acute EC50 for freshwater fish is 10-100 ppm based on the component data.

Freshwater Invertebrates Toxicity: The acute EC50 for freshwater invertebrates is 10-100 ppm based on component data.

Algal Inhibition: The acute EC50 is 10-100 mg/L based on component data.

Saltwater Invertebrates Toxicity: The acute LC50 for saltwater invertebrates is 10-100 ppm based on component data.

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.

This product contains the following chemicals known to the state of California to cause cancer and/or birth defects based on the maximum impurity levels of components: <1 ppm cadmium <1 ppm lead 2 ppm arsenic 3 ppm Ethyl acrylate, CAS no. 140-88-5. The USDA has accepted data on this product to support H2 registrations.

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	1	2
Fire	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.