



Material Safety Data Sheet

Yazell Fluids LLC
7705 Pinnacle Dr.
Amarillo, TX
79119

Emergency: (806) 674-5099
Information: (806) 418-2516
Fax: (806) 418-2517
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SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

General Product Name: BioGreen UltraGard UTHF Full Synthetic

Synonyms: None

Product Description: Fluid for hydraulic power systems

Manufacturer: Yazell Fluids LLC

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

This product contains no hazardous materials.

SECTION 3: HAZARD IDENTIFICATION

Potential Health Effects

Inhalation: Negligible unless heated to produce vapors. Vapors or finely misted materials may irritate the mucous membranes and cause irritation, dizziness, and nausea. Remove to fresh air.

Eye Contact: May cause irritation. Irrigate eye with water for at least 30 minutes. Seek medical attention if symptoms persist.

Skin Contact: Prolonged or repeated contact is not likely to cause significant skin irritation. Material is sometimes encountered at elevated temperatures. Thermal burns are possible.

Ingestion: No hazards anticipated from ingestion incidental to industrial exposure.

SECTION 4: FIRST AID MEASURES

Eye Contact: Irrigate eyes with a heavy stream of water for at least 30 minutes.

Skin Contact: Wash exposed areas of the body with soap and water.

SECTION 4: FIRST AID MEASURES

Inhalation: Remove from area of exposure; seek medical attention if symptoms persist.

Ingestion: DO NOT INDUCE VOMITING, consult medical personnel.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (Method Used): >200C/392F (ASTM 92)

Flammability Limits: None known

Extinguishing Media: Dry chemical foam, halon, CO2, water spray (fog). Water stream may splash the burning liquid and spread fire.

Special Fire Fighting Procedures: Use water spray to cool drums exposed to fire.

Unusual Fire and Explosion Hazards: Oil soaked rags can cause spontaneous combustion if not handled properly. Before disposal, wash rags with soap and water and dry in well ventilated area. Firefighters should use self-contained breathing apparatus to avoid exposure to smoke and vapor.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Remove sources of ignition, contain spill to smallest area possible. Stop leak if possible. Pick up small spills with absorbent materials such as paper towels, "Oil Dry", sand or dirt. Recover large spills for salvage or disposal. Wash hard surfaces with safety solvent or detergent to remove remaining oil film. Grease nature will result in a slippery surface.

SECTION 7: HANDLING AND STORAGE

Store in closed containers between 50 degrees F and 120 Degrees F. Keep away from oxidizing agents, excessive heat, and ignition sources. Store and use in well ventilated areas. Do not store or use near heat, spark, or flame, store out of sun. Do not puncture, drag, or slide this container. Drum is not a pressure vessel; never use pressure to empty.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Respiratory Protection: If vapors or mists are generated, wear a NIOSH approved organic vapor/mist/respirator.

Protective Clothing: Safety glasses, goggles, or face shield recommended to protect eyes from mists or splashing. Use PVC coated gloves if known/suspect sensitivity exists.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Other Protective Measures: Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Flash Point: 212C/413F

Upper Flammable Limit: Not evaluated

Lower Flammable Limit: Not evaluated

Auto ignition Point: Not evaluated

Explosion Data: Not evaluated

Vapor Pressure: Not evaluated

pH: Not evaluated

Specific Gravity: 0.87

Bulk Density: Not evaluated

Water Solubility: Insoluble

Percent volatile: Not evaluated

Volatile Organic Compound: Not evaluated

Vapor Density (air = 1): >1

Evaporation Rate (butyl acetate=1): <1

Odor: Mild

Appearance: Clear to pale yellow fluid

Viscosity: 46.8 Centistokes (40C); 8.35 Centistokes (100C)

Odor Threshold: Not evaluated

Boiling Point (@760mmHg): >200C

Pour Point Temperature: -42C/-43.6F

SECTION 10: STABILITY AND REACTIVITY

General: This product is stable and hazardous polymerization will not occur.

Incompatible Materials & Conditions to Avoid: Strong oxidizing agents

SECTION 10: STABILITY AND REACTIVITY

Hazardous Decomposition Products: Combustion produces carbon monoxide, carbon dioxide along with thick smoke.

SECTION 11: DISPOSAL CONSIDERATIONS

Waste Disposal: Waste may be disposed of by a licensed waste disposal company. Contaminated absorbent material may be disposed of in an approved landfill. Follow local, state, and federal disposal regulations.

SECTION 12: TRANSPORTATION INFORMATION

IATA (Air): Not regulated
US DOT (Land): Not regulated
IMO (Water): Additional information required prior to transport

SECTION 13: REGULATORY INFORMATION

OSHA Status: This product is not hazardous under criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, thermal processing and decomposition fumes from this product may be hazardous as noted in Sections 2 and 3.

TSCA Status: This product is listed on TSCA.

CERCLA (Comprehensive Response Compensation & Liability Act): NOT reportable.

SARA TITLE III (Super Amendments & Reauthorization Act)

Section 312 Extremely Hazardous Substances: None

Section 311/312 Hazard Categories: Non-hazardous under section 311/312

Section 313 Toxic Chemicals: None

RCRA Status: If discarded in its purchased form, this product would not be hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste, (40 CFR 261.20-24)

SECTION 13: REGULATORY INFORMATION

California Proposition 65:

The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986. This product contains no chemicals known to the state of California to cause cancer.

SECTION 14: OTHER INFORMATION

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company's knowledge and believes accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility of any loss, damage or expenses, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for the own particular use.