



### Material Safety Data Sheet

**Yazell Fluids LLC**  
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#### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**General Product Name:** BioGreen UltraGard Fleet Engine Oils  
**Synonyms:** 0W-40, 5W-40  
**Product Description:** Fleet Motor Oils, Fleet Engine Oil, Premium Motor Oil  
**Manufacturer:** Yazell Fluids LLC

#### SECTION 2: COMPOSITION, INFORMATION OR 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

<b>Eyes:</b>	Irrigate eyes with a heavy stream of water for at least 15 minutes. Seek medical attention if irritation develops.
<b>Skin:</b>	Wash exposed areas of the body with soap and water.
<b>Inhalation:</b>	Remove from area of exposure; seek medical attention if symptoms persist.
<b>Ingestion:</b>	DO NOT INDUCE VOMITING, consult medical personnel.

#### SECTION 5: FIRE FIGHTING MEASURES

<b>Flash Point (Method Used):</b>	by Cleveland Open Cup, ASTM D 92
	0W40      5W40
	228 C     230 C
	442 F     446 F
<b>Flammability Limits:</b>	None known
<b>Extinguishing Media:</b>	Dry chemical foam, halon, CO2, water spray (fog). Water stream may splash the burning liquid and spread fire.
<b>Special Fire Fighting Procedures:</b>	Use water spray to cool drums exposed to fire.
<b>Unusual Fire and Explosion Hazards:</b>	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 113 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.

**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:** Not evaluated

**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:** Not evaluated

**Bulk Density:** Not evaluated

**Water Solubility:** Insoluble

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES, CONTINUED**

**Percent volatile:** Not evaluated

**Volatile Organic Compound:** Not evaluated

**Vapor Density (air = 1):** >1

**Evaporation Rate (butyl acetate=1):** <1

**Odor:** Mild

**Appearance:** Amber clear fluid

Viscosity:	<del>0W40</del>	<del>5W40</del>
	<del>86.61 @ 40 C</del>	<del>82.70 @ 40 C</del>
Odor Threshold:	Not evaluated	
Boiling Point (@760mmHg):	<b>Not determined. Expected to be &gt; 260°C (500°F).</b>	
Pour Point Temperature:	0W40	5W40
	-38 C	-35 C

**SECTION 10: STABILITY AND REACTIVITY**

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

**Incompatible Materials & Conditions to Avoid:** Strong oxidizing agents

**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

### SECTION 13: REGULATORY INFORMATION, CONTINUED

**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)

**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.

This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, Yazell Fluids LLC must rely upon information provided by the material manufacturers or distributors.