

# Material Safety Data Sheet

Name and Address: Product Name: Prepared by: Date:

Reliant Technologies, Inc.  
2933 Hwy 1, North  
Port Allen, Louisiana 70767

## SYN-BLEND OGL Synthetic Blend Based Open Gear Lube

Barry Huggins 10/9/2003

Emergency Phone: Product Code  
225-383-7923 L-7905

HMIS CODE INFORMATION: Health 1 Flammability 1 Reactivity 0 Personal Protection B

### Section 1 - Hazardous Ingredients and Sara Title III Information

#### Reportable Components:

| Ingredient:                               | % wt  | CAS #      | OSHA PEL / STEL                     | ACGIH TLV                           |
|-------------------------------------------|-------|------------|-------------------------------------|-------------------------------------|
| Distillates, hydrotreated heavy parafinic | < 100 | 64742-54-7 | Oil mist = 5 mg/m3<br>TWA = 5 mg/m3 | Oil mist = 5 mg/m3<br>TWA = 5 mg/m3 |
| Carbon Black                              | < 50  | 1333-86-4  | none established                    | none established                    |
| Additive Mixtures                         | < 50  | mixtures   | none established                    | none established                    |

#### DOT Shipping Name:

Non-Regulated / SYN-BLEND OGL Synthetic Blend Based Open Gear Lube

#### Notes

N/A = Not Applicable

TWA = Threshold Weighted Average

### Section 2 - Physical and Chemical Characteristics

|                      |                                         |                      |            |
|----------------------|-----------------------------------------|----------------------|------------|
| Boiling Point:       | No Data                                 | Vapor Density:       | No Data    |
| Evaporation Rate:    | < 1 water = 1                           | Solubility in Water: | Negligible |
| Appearance and Odor: | Black, tacky semi-solid, with mild odor | Specific Gravity:    | < 1        |

### Section 3 - Fire and Explosion Data

|                                     |                                                                                                                     |              |           |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------|-----------|
| Flash Point:                        | > 300 F                                                                                                             | Method Used: | ASTM D 92 |
| Flammable Limits in Air, by Volume  | Lower: None Established<br>Upper: None Established                                                                  |              |           |
| Extinguishing Media:                | Foam, water spray (fog), dry chemical, carbon dioxide, and vaporizing liquid type extinguishing agents              |              |           |
| Special Firefighting Procedures:    | Use water spray to keep fire-exposed containers cool. Minimize breathing of gases, fumes and decomposition products |              |           |
| Unusual Fire and Explosion Hazards: | None known                                                                                                          |              |           |

### Section 4 - Physical Hazards and Reactivity Data

|                                    |                                                                                                                                                                                                                                                                                                      |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stability:                         | Stable                                                                                                                                                                                                                                                                                               |
| Conditions and Materials to Avoid: | Avoid contact with strong oxidizers such as sodium nitrite, sodium nitrate, nitrate fertilizers, liquid chlorine, liquid oxygen, sodium hypochlorite (bleach), calcium hypochlorite (such as HTH, etc.), hydrogen peroxide potassium permanganate, etc., as this presents a serious explosion hazard |
| Hazardous Decomposition Products:  | Under fire conditions, fumes, smoke, carbon monoxide, sulfur oxides, aldehydes, and other products of incomplete combustion can be formed                                                                                                                                                            |
| Hazardous Polymerization:          | Will not occur                                                                                                                                                                                                                                                                                       |

**Section 5 - Health Hazards Data****Signs and Symptoms of Exposure:****Eye and Skin Contact and****Absorption:**

Skin: Irritation and dermatitis, these products are not easily absorbed  
Eyes: Irritation and redness

**Ingestion:**

Ingestion is not likely, but will cause gastrointestinal distress, irritation, and possible nausea

**Inhalation:**

Inhalation is possible and can cause dizziness and asphyxiation. Acute inhalation of vapors may be narcotic or anaesthetic

**Medical Conditions Generally Aggravated by Exposure:****Skin and eye contact:**

dermatitis and skin problems; eye irritation

**Inhalation:**

respiratory disorders

**Carcinogen Information:**

**These products contain no ingredients suspected of being carcinogens**

**IARC Monographs?**

No

**NTP?**

No

**OSHA?**

No

**Emergency and First Aid Procedures:****Eyes:**

Flush with large amounts of water for at least 15 minutes, lifting eyelids. Get medical attention

**Skin:**

Wash affected area with large amounts of water, and remove soaked clothing

**Ingestion:**

If ingested, do not induce vomiting; call physician and seek medical attention immediately

**Inhalation:**

Remove to fresh air; give artificial resuscitation if not breathing. Call physician and seek medical attention immediately

**Section 6 - Precautions and Spill Procedures****Handling and Storage****Precautions:**

Do not use these products in the proximity of heat, pilot lights, sparks, open flames, or any other sources of ignition. Ground containers to protect against static electricity. Do not attempt to refill or clean empty containers; rather, send them for proper recycling or disposal. **EMPTY CONTAINERS RETAIN PRODUCT RESIDUE. DO NOT CUT, WELD, PRESSURIZE, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE EMPTY CONTAINERS TO HEAT, FLAMES, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.** For work on tanks which have been used to store this product, refer to OSHA regulation, ANSI Z 49.1, and / or other governmental and industrial references pertaining to cleaning, gas freeing, repairing, welding, or other contemplated operations.

**Steps to be taken if material is Released or Spilled:**

Contain spill and recover any free product. Use absorbant to clean up spill area. Keep product out of waterways and sewers. Discharges or spills into or leading to surface waters that cause a sheen must be reported to the National Spill Response Center (800-424-8802)

**Waste Disposal Method:**

Always dispose in accordance with all applicable Federal, State, and Local regulations

**Section 7 - Special Protection Information and Control Measures****Respiratory Protection:**

None needed if adequate ventilation

**Ventilation:**

Use local exhaust to capture vapor, mists, or fumes if necessary. Provide ventilation sufficient to prevent exceeding recommended exposure limits, or any buildup of explosive concentrations of vapor in air. Prevent smoking or the use of flames or other sources of ignition in the proximity of this product and any discharge of its vapors

**Eye Protection:**

Use splash goggles or face shield when eye contact may occur

**Protective Gloves:**

Rubber or neoprene

**Work and Hygienic Practices:**

Wash hands before eating or using the bathroom

**Other protective equipment:**

Rubber boots and splash apron when deemed necessary

**Disclaimer:**

*This safety information is provided to assist customers in assessing measures necessary for compliance with health, safety, and environmental regulations. Individuals handling this product should be informed of the recommended safety precautions, and should have access to this information. The information contained herein is based on available data, and is believed to be accurate. No guarantee or warranty is provided, since the use of this product is within the exclusive control of the user, and it is the user's responsibility to satisfy itself that this information is suitable and complete for its particular use. Customers are responsible for compliance with local, state, and federal regulations that may be pertinent in the storage, application, and disposal of this product.*