



**PETROCHEM, INC.**

**SPECIALTY LUBRICANTS**

6N999 Whispering Trail Road, St. Charles, IL 60175

Phone: 630.513.6350 Fax: 630.513.8324

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## **MATERIAL SAFETY DATA SHEET**

 **FOODSAFE** SYNGEL FG- 750

**PREMIUM HIGH TEMPERATURE FOOD GRADE**

**SYNTHETIC LUBRICATING GEL**

**NSF H-1 APPROVED, REGISTRATION #**

### **I. PRODUCT IDENTIFICATION**

Trade Name: **SYNGEL FG-750**  
**ISO GRADE 460**

Chief Constituent: Synthetic Hydrocarbon  
Formulation: 80% Synthetic PolyAlpha Olefin (PAO)  
10% Organic thickener/ 10% Additives

Manufactured/Supplied by:  
PETROCHEM, INC., St. Charles, IL 60175  
Tel: 630.513.6350  
Fax: 630.513.8324

Hazardous Ingredients/OSHA: None  
Carcinogenic Ingredients/OSHA/NTP/IARC: None  
Not listed on as a carcinogenic by IARC, NTP, Z list, or OSHA  
Ingredients Regulated by SARA Title 3, Section 313: None  
Shipping Information: NOT-RESTRICTED – Class 65 NON-HAZARDOUS

For Emergency Information contact: Chemtrec 1-800-42-9300  
For Non-Emergency Information contact: 1-800-521-9891

Date Prepared: 12/09/2008

### **II. WARNING STATEMENTS**

None

### **III. PHYSICAL AND CHEMICAL DATA**

Appearance and Odor: White Color, Smooth, Thick Vaseline Texture  
Viscosity Base Fluid: 460 @40C  
Specific Gravity: 0.925  
Boiling Point: N/A  
Evaporation Rate: 0.7% CTM, 24 hours at 100°C  
Vapor Pressure: N/A  
Density at 20°C g/cm3 0.89

#### **IV. FIRE PROTECTION**

Flash Point: Base oil 575°, (300°C) COC  
Extinguishing Media: Water spray, dry chemical, foam or CO<sub>2</sub>  
Special Firefighting Procedure: Burning will produce toxic fumes. Wear self-contained breathing apparatus and full turn out gear to fight fire.  
Unusual Fire Hazard: Exposure to heat builds up pressure in closed containers. Cool with water spray.

#### **V. REACTIVITY DATA**

Thermal Stability: Stable  
Materials to Avoid: Strong oxidizers  
Hazardous Polymerization: Will not occur  
Hazardous Decomposition Products: Burning will produce toxic fumes

#### **VI. HEALTH HAZARD DATA**

Physiological Effects:  
ACUTE:  
Eyes: Believed to be minimally irritating  
Skin: Believed to be minimally irritating  
Respiratory System: Believed to be minimally irritating  
CHRONIC: Not determined  
OTHER: None

#### **VIII. PRECAUTIONS FOR SAFE HANDLING & USE**

For general personal hygiene, wash hands thoroughly after handling material. Avoid contact with skin and eyes. Steps to be taken in case of spill or misuse: Use all protection equipment. Dike to prevent spreading. Absorb on solid absorbent. Flush area with water; do not allow draining into sewer.

#### **IX. PROTECTION AND CONTROL MEASURES**

Protective Equipment: Impermeable gloves, splash goggles, eye wash and safety shower.  
Respiratory Protection: If overheated, use approved respiratory protective equipment.  
Ventilation: Local exhaust and mechanical recommended.

#### **X. EMERGENCY AND FIRST AID PROCEDURES**

Eye Contact: Flush eyes with water for 15 minutes. Call a physician if irritation develops.  
Skin Contact: Wash skin with soap and water.  
Inhalation: Remove to fresh air. Give artificial respiration or oxygen if necessary.  
Ingestion: First Aid not normally required. If uncomfortable, call physician.

#### **XI. NOTES**

**HAZARD RATING INFORMATION**

	<b>NPCA/HMIS</b>	<b>NFPA</b>	<b>KEY</b>	
Health	1	1	4 = Severe	1 = Slight
Flammability	1	1	3 = Serious	0 = Minimal
Reactivity	0	0	2 = Moderate	

**XII. SPILL AND DISPOSAL PROCEDURES (Transportation Spills call: CHEMTREC (800) 424-9300)**

Environmental Impact: Report spills as required to appropriate authorities. U. S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to Coast Guard Toll Free Number (800) 424-8802. In case of accident or road spill, notify Chemtrec (800) 424-9300.

Procedures if Material is Released or Spilled: Absorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

Waste Management: Dispose of according to Federal, State and Local regulations.

Toxic Substance Inventory Control Act: All components are included on the TSCA Inventory and are in compliance with the TSCA.

**XIII. ADDITIONAL INFORMATION**

**Petrochem, Inc.  
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info@petrochem1.com**

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