Material Safety Data Sheet

Product Name: SYNTESO D 150 EP (#012058)

Date: February 22, 2008
Replaces: July 18, 2006
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Section 1 – Company Identification

Kluber Lubrication North America L.P.
32 Industrial Dr.
Londonderry, NH 03053
Phone: (603)647-4104

Emergency Phone
United States (800)424-9300 (ChemTrec)
International (703)527-3887

Section 2 – Composition Information

Polyalkylene glycol oil

Section 3 – Health Effects

**Eyes:** May cause irritation upon contact.
**Skin:** May cause irritation upon repeated contact.
**Inhalation:** Vapor inhalation under ambient conditions will not occur, however, if heated to high temperatures, oil mist may cause irritation to the respiratory tract.
**Ingestion:** May cause irritation to respiratory tract and diarrhea.

Section 4 – First Aid Measures

**Eyes:** Flush eyes with clean water for 20 minutes. Seek medical attention if irritation persists.
**Skin:** Wash with soap and water. Seek medical attention if irritation or rash persists.
**Inhalation:** Remove victim to fresh air. If respiratory problems continue, seek medical attention.
**Ingestion:** Wash out mouth immediately. Do not induce vomiting. Seek medical attention.
**Advice to Physician:** Treat systematically.

Section 5 – Exposure Controls

**Eye Protection:** Safety goggles or safety glasses with side shields when applying product to moving parts. Consult your company’s policy regarding eye protection.
**Hand Protection:** Oil proof gloves for hypersensitive persons. Consult your company’s policy regarding hand protection.
**Body Protection:** Clean overalls. Consult your company’s policy regarding personal protective clothing.
**Respiratory Protection:** During normal use, no special respiratory protection is required; however, if misting / vapors occur due to high heat or fire, use self contained breathing apparatus that has a full face piece and is operated in a pressure-demand or other positive-demand mode. Consult your company’s respiratory protection policy.
**Other Protective Measures:** Emergency eyewash / shower equipment should be readily available.

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Section 6 – Fire Fighting Measures

Flash Point: > 200° C.
Lower Explosion Limit: Not determined.
Upper Explosion Limit: Not determined.
Extinguishing Media: Water mist, foam, dry chemical or carbon dioxide. Do not use water jet as this may spread fire and contamination.
Respiratory Protection: Self contained breathing apparatus that has a full face piece and is operated in a pressure-demand or other positive-demand mode.

Section 7 – Accidental Release

If product leaks or is inadvertently spilled, eliminate ignition sources and prevent spill from entering drains and waterways. Absorb spilled product with absorbent and place in a container for proper disposal.

Section 8 – Handling and Storage

Handling: No special handling precautions are necessary, however, good personal hygiene is recommended. Wash hands with soap and water before eating, drinking or smoking. Use product in well ventilated areas.
Storage: Keep container tightly closed in a cool, well ventilated place. Keep away from foodstuffs. Keep away from elevated temperatures. Keep away from children.

Section 9 – Physical and Chemical Properties

Appearance: Light yellow oil.
Pour Point: < -40° C (DIN ISO 3016).
Vapor Pressure (mm Hg): Not determined.
Density: ~ 1.05 g/cm³ @ 20° C.
Viscosity @ 40° C: ~ 150 mm²/s (DIN 51562).
Solubility in Water: Partly soluble.

Section 10 – Stability and Reactivity

Stability: Stable under ambient conditions.
Conditions to Avoid: Open flames and heat sources.
Materials to Avoid: Oxidizing agents.
Hazardous Decomposition Products: Burning generates smoke, carbon monoxide, carbon dioxide, and airborne soot.
Hazardous Polymerization: Will not occur.

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Section 11 – Toxicological Information

Acute Toxicity: Not determined.
Chronic Toxicity: Not determined.
Sensitization: Not known to be a sensitizer.

Section 12 – Disposal Considerations

Under RCRA, it is the responsibility of the user, at the time of disposal, to determine whether the product meets the RCRA criteria for hazardous waste. As a new product, it is not considered a RCRA hazardous waste.

Section 13 – Transportation

DOT: Not regulated.
IATA: Not regulated.
IMDG: Not regulated.

Section 14 – Regulatory Information

TSCA Section 8(b) Inventory Status: All components are either exempt or listed on the TSCA inventory.
TSCA Section 12(b) Export Notification: This product does not contain any component(s) that are subject to Section 12(b) Export Notification.
SARA Section 302 Extremely Hazardous Substance (EHS): This product does not contain any component(s) regulated under Section 302 (40 CFR 355) as Extremely Hazardous Substances.
SARA Section 304 CERCLA Hazardous Substance: This product does not contain any component(s) regulated under Section 304 (40 CFR 302) as hazardous chemicals for emergency release notification.
SARA Section 313 Toxic Chemical List: Zinc compound (1 – 2%).
Barium compound (< 0.1%).
WHMIS: Not controlled.
RoHS: Compliant.

Section 15 – Additional Information

HMIS Rating
Health: 1  Flammability: 1  Reactivity: 0  Personal Protection: B

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