



Material Safety Data Sheet Tuff-Lube

Date Prepared: 2/12/2007

Section I - Product and Company Identification

- Product Name: Tuff-Lube
- Formula: Polyether polyol, CAS#009082-00-2, 99+%
- Supplier: Bulldog Chemicals
29030 Lake Houston Lane
Huffman, TX 77336
Emergency Telephone: 281-360-7315

Section II – Physical and Chemical Properties

- Vapor Density: n/a
- Solubility in Water: Slight soluble to completely soluble
- Specific Gravity: 1.050-1.130 @ 25C°
- Boiling Point: Decomposes at elevated temperatures
- Appearance: Viscous liquid
- Vapor Pressure: NIL
- Odor: Slight odor

Section III – Fire and Explosion Data

- Flash Point: 430 F°, 221 C°
- Method Used: ASTM D93.PMMC
- Extinguishing Media: Water fog, CO2, dry chemical
- Fire and Explosion Hazards: Will support combustion. Do not breathe smoke when burning.
- Protective Equipment for Fire Fighters: Wear positive pressure self-contained breathing apparatus. (SCBA)

Section IV – DOT Information

- Proper Shipping Name: Tuff-Lube
- Hazard Class: Not regulated by DOT when shipped domestically by land.

Section V – Handling and Storage:

- Special Precautions: Materials not considered hazardous as handled in most industrial operations. Exercise reasonable care and cleanliness. Avoid skin and eye contact. Avoid breathing vapors if generated.



Tuff-Lube

Section VI – Health Hazard Data

- Eye: May cause slight transient (temporary) eye irritation. Corneal injury is unlikely.
- Skin Contact: Essentially nonirritating to skin.
- Skin Absorption: A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.
- Ingestion: Single dose oral toxicity is considered to be low.
- Inhalation: Vapors are minimal due to the physical properties.
- Systemic Effects: Repeated exposures are NOT anticipated to cause any significant adverse effects.

Section VII – Emergency and First Aid Procedures

- Inhalation: No adverse effects anticipated by this route of exposure incidental to proper industrial handling.
- Eye or Skin Contact: Skin should be washed in flossing water of shower. Irrigate eyes immediately with water for at least 5 minutes.
- Ingestion: Induce vomiting if large amounts are ingested. Consult medical personnel.

Section VIII – Special Protection Information

- Ventilation: Good general ventilation should be sufficient.
- Respiratory Protection: No respiratory protection should be needed.
- Eye Protection: Use safety glasses.
- Skin protection: No precautions other than clean body-covering clothing should be needed.

Section IX– Reactivity Data

- Stability: Stable under recommended storage conditions.
- Incompatibility: Oxidizing materials and strong acids.
- Hazardous Decomposition: Complete combustion will result in Carbon Dioxide and water may decompose in heat/fire releasing product of possible greater hazard.
- Hazardous Polymerization: Will not occur.

Section X – Spill or Leak Procedure

- Waste Disposal Method: Burn in an approved incinerator according to Federal, State and Local regulations.
- Cleanup: Spills should be collected to prevent contamination of waterways. Spills may also be a slipping hazard.

