

American Chemical Technologies, Inc.  
485 E. Van Riper Road, Fowlerville, MI 48836  
Office: 517-223-0300 Fax: 517-223-1703

EMERGENCY: INFOTRAC 1-800-535-5053, 24 HRS/DAY, 7 DAYS/WEEK

This MSDS complies with 29 CFR 1910.1200 (The Hazard Communication Standard)

---

---

**SECTION I – PRODUCT IDENTIFICATION**

---

---

**Product Name:** SynLube 146  
**Generic ID:** Polyol Ester  
**DOT Hazard Classification:** Non-Hazardous

---

---

**SECTION II – COMPOSITION/INFORMATION ON INGREDIENTS**

---

---

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT%
------	---------------	------------	--------

This product contains no ingredients listed as carcinogens by NTP, IARC, or OSHA. No special warning labels are required under OSHA 29 CFR 1910.1200.

**FDA Statement:** This product has been approved by the USDA for H-2 use in food Packing plants.

---

---

**SECTION III – HAZARDS IDENTIFICATION**

---

---

**This product is non-hazardous.**

**Threshold Limit Value:** Not established.

**Situations to Avoid:** Avoid breathing oil mists.

**Inhalation:** Product is non-toxic by inhalation. If oil mist is inhaled, remove to fresh air and consult a physician.

**Ingestion:** May cause nausea and diarrhea. Consult a physician at once.

**Toxicity:** To the best of our knowledge the toxicity of this product has not been fully investigated. Analogous compounds are considered to be essentially non-toxic.

**HMIS RATINGS:** Health: 0 Flammability: 1 Reactivity: 0

---

---

**SECTION IV – FIRST AID MEASURES**

---

---

**Eye Contact:** Flush eyes immediately with water at least 15 minutes or until irritation subsides. If irritation persists, consult a physician.

**Skin Contact:** Wash contacted skin areas with soap and water. If irritation develops, consult a physician. Soaked clothing should be removed.

**Inhalation:** Product is non-toxic by inhalation. If oil mist is inhaled, remove to fresh air and consult a physician.

**Ingestion:** Consult a physician at once. May cause nausea and diarrhea.

---

---

**SECTION V – FIRE FIGHTING MEASURES**

---

---

**Flash Point:** 520°F (C.O.C.)

**Flammable Limits:** Not established.

**Extinguishing Media:** Dry chemical, CO2 foam.

**Unusual Fire and Explosion Hazards:** None.

**Special Firefighting Procedure:** Use NIOSH/MNSA approved, self-contained breathing apparatus. Burning fluid may evolve irritating/noxious fumes. Use water to cool fire-exposed containers. Use water carefully near exposed liquid to avoid frothing and splashing of hot liquid.

---

---

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

---

---

**Steps To Be Taken In Case Material Is Released or Spilled:** Wear suitable protective equipment, especially goggles. Stop source of spill. Dike spill area. Use absorbent materials to soak up fluid (i.e. sand, sawdust, and commercially available materials). Wash spill area with large amounts of water. Properly dispose of all materials.

**Waste Disposal Method:** Incinerate this product and all associated wastes in a licensed facility in accordance with Federal, State and local regulations.

---

---

**SECTION VII – HANDLING AND STORAGE**

---

---

**Handling:** Affix proper warning labels on containers in accordance with 29 CFR 1910.1200. Do not take internally. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

**Storage:** Keep container tightly sealed when not in use. Product is hygroscopic.

---

---

**SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION**

---

---

**Hand Protection:** Not required, but recommended, especially for prolonged exposure.

**Respiratory Protection:** None required under normal conditions. If misting occurs, wear a MSHA/NIOSH- approved respirator (or equivalent).

**Skin Protection:** Appropriate clothing/apron to prevent prolonged contact with skin.

**Eye Protection:** Use OSHA approved safety glasses with side shields and/or chemical splash goggles.

**Other Protective Equipment:** Facilities storing or utilizing this material should be equipped with an eyewash and safety shower facility.

**Hygienic Practices:** Remove and wash contaminated clothing before reuse. Wash hands before eating.

**Ventilation:** Local exhaust.

---

---

**SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES**

---

---

**Boiling Point:** >650° F

**Evaporation Rate (Butyl Acetate=1):** Nil

**Appearance:** Clear liquid, yellow to light brown tint.

**Odor:** Mild, distinct.

**Specific Gravity (water=1):** 1.0

**Vapor Pressure (mmHg):** <0.01mmHg@20°C

**Volatiles, Percent by Volume:** 0%

**Solubility in Water:** Insoluble

---

---

**SECTION X – STABILITY AND REACTIVITY**

---

---

**Hazardous Polymerization:** Will not occur.

**Incompatibility:** Strong oxidizing agents, caustic or acidic solutions.

**Hazardous Decomposition Products:** Analogous compound evolve carbon monoxide, carbon dioxide and other unidentified fragments when burned.

**Hazardous Polymerization:** Will not occur.

**Stability:** Stable.

---

---

**SECTION XI – TOXICOLOGICAL PROPERTIES**

---

---

No product or component toxicological information is available.

---

---

**SECTION XII – REGULATORY INFORMATION**

---

---

**OSHA:** Non-hazardous by definition of Hazard Communication Standard 29 CFR-1910.1200.

**SARA SECTION 313:** This product contains no substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

---

---

**SECTION XIII – DISPOSAL CONSIDERATIONS**

---

---

Disposal Method: The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant Local, State, and Federal laws and regulations regarding treatment, storage and disposal for hazardous and non-hazardous wastes.

---

---

**SECTION XIV – TRANSPORTATION INFORMATION**

---

---

No transportation information is available.

---

---

**SECTION XV – FEDERAL AND STATE REGULATIONS**

---

---

Sara Hazard Categories:

Immediate (acute) Health Hazard: No

Pressure Sudden Release: No

Delayed (chronic) Health Hazard: No

Reactivity Hazard: No

Fire Hazard: No

Sara Section 313 Notification:

Refer to **\*\*HAZARDOUS INGREDIENTS and REGULATORY INFORMATION \*\*** section.

---

---

**SECTION XVI – OTHER INFORMATION**

---

---

A.C.T., Inc. believes the data set forth herein is accurate as of the date hereof. We make no warranty with respect thereto and expressly disclaim all liability for reliance thereon. Such data are offered solely for your consideration, investigation and verification.

**NAME OF PREPARER:** Sharon L. Haiser

**DATE PREPARED:** 06/12/02