

# MATERIAL SAFETY DATA SHEET

Klotz Special Formula Products, Inc.  
7424 Freedom Way  
Fort Wayne, IN 46818

3 IN KL100  
KL101

Telephone Number:  
260-490-0489  
260-490-0490 (fax)  
Chemtrec: 1-800-424-9300

## SECTION I - IDENTIFICATION

**Chemical Name & Synonyms**  
Synthetic Lubricant and Castor Oil Blend

**Chemical Family**  
2 & 4-Cycle Synthetic Lubricants

**Trade Name:** Klotz SUPER TECHNIPLATE - KL-100, KL-101, KL-103

## SECTION II - HAZARDOUS COMPONENTS

**OSHA Hazard Classification:** This product is not considered to be hazardous under 29 CFR 1910.1200

## SECTION III - PHYSICAL DATA

**Boiling Point:** N/A  
**Freezing Point:** N/A  
**Melting Point:** N/A  
**Vapor Pressure (mmHg):** <1.0 @ 100°F  
**Solubility in Water:** Slightly Soluble  
**Evaporation Rate (Water=1):** > 1  
**Decomposition Temp:** N/A  
**Odor:** Odorless to slightly musty

**Specific Gravity:** 1.00 - 1.04 @ 25°C  
**% Volatile By Vol.:** <0.1% @ 100°F  
**Viscosity SUS:** 950 SUS @ 100°F  
**Vapor Density (Air=1):** N/A  
**Bulk Density:** 8.34 lbs/gal  
**Pour Point:** -10°F UIS  
**Appearance:** Red Liquid  
**Weight per gallon:** 8.34 lbs/gal

## SECTION IV - FIRE & EXPLOSION HAZARD INFORMATION

**Autoignition Temperature:** No Data

**Flammability in Air:** Lower: N/A  
Upper: N/A

**Flash Point:** 370-445°F (187-229°C) C C

**Basic Fire Fighting Procedures:** Use water spray, dry chemicals, foam or carbon dioxide to extinguish fire. Water or foam may cause frothing, with further application leading to boil over. Use water spray to cool fire-exposed containers, structures, and to protect personnel. Use water to flush spills away from sources of ignition. DO NOT flush down public sewers.

**Unusual Fire & Explosion Hazards:** Combustible at high temperatures. Irritating or toxic substances may be emitted upon thermal decomposition. Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus, with full mask and full protective equipment.

## SECTION V - REACTIVITY DATA

**Incompatibility:** Avoid contact with strong oxidizers.

**Stability:** Stable under normal conditions of use.

**Hazardous Reactions/Decomposition Products:** Combustion may produce CO, CO<sub>2</sub> and reactive hydrocarbons.

## SECTION VI - SPILL, LEAK, & DISPOSAL PROCEDURES

**Action for Material Release or Spill:** Wear goggles, overalls, natural rubber or neoprene gloves and boots. Add dry absorbent, shovel or sweep up. Place in an appropriate container and seal. Wash all contaminated clothing before reuse. In the event of a large spill, call the emergency telephone number shown on the front of this sheet.

## SECTION VI - SPILL, LEAK, & DISPOSAL PROCEDURES (cont)

**Waste Disposal Method:** Dispose of contaminated product, empty containers and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate Federal, State, and Local agencies to ascertain proper disposal procedures.

## SECTION VII - HEALTH HAZARD DATA

No Information Available

## SECTION VIII - FIRST AID PROCEDURES

**Skin Contact:** Wash off with water.

**Eye Contact:** Flush with water.

## SECTION IX - SPECIAL PROTECTION INFORMATION

**Respiration Protection:** Respiratory protection not normally needed since the volatility and toxicity are low. If vapors, mists, or aerosols are generated, wear a NIOSH/MSHA approved respirator.

**Ventilation:** Local exhaust ventilation is recommended if vapors, mists, or aerosols are generated. Otherwise, use general exhaust ventilation.

**Eye Protection:** Use safety glasses with side shields.

### Equipment Specifications (when applicable)

**Glove Type:** Impervious

**Boot Type:** Impervious

**Apron Type:** Impervious

**Protective Suit:** Impervious

**Respirator Type:** Not Normally Required

**Precautions for Safe Handling & Storage:** DO NOT take internally. AVOID contact with skin, eyes, and clothing. Upon contact with skin or eyes, wash off with water.

**Storage Conditions:** DO NOT store at temperatures above 55°C (131°F). Product will absorb water vapor. Keep a dry area (Dew Point -40°F) or nitrogen atmosphere on storage vessel at all times.

## SECTION X - DOT TRANSPORTATION

**DOT Not Regulated**

**Not a Marine Pollutant**

**Revised: 1-5-04**