

**MATERIAL SAFETY DATA SHEET**

This MSDS complies with OSHA<sup>®</sup> Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

<b>IDENTITY AND MANUFACTURERS INFORMATION</b>		<b>INFORMATION</b>	
<b>NFPA Rating:</b> Health-1; Flammability-1; Reactivity-0; Special- - <b>Manufacturer's Name:</b> H & B Industries, Inc. Address: 9758 Abernathy Ave. Dallas, TX 75220		<b>HMIS Rating:</b> Health-1; Flammability-1; Reactivity-0; Personal Protection-B <b>DOT</b> <b>Hazard Classification:</b> Non-Hazardous <b>Identity</b> (trade name as used on label): <b>HB-1140J SYNTHETIC CHAIN LUBE</b> <b>MSD</b> <b>Number:</b> HB1140J	
<b>Date Prepared:</b> 02/05/2005 <b>Prepared By:</b> ED Information Calls: (800) 466-0855		Revision - 3 NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA	
<b>EMERGENCY RESPONSE NUMBER: 1(800)535-5350</b>			

**SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION**

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
<b>PETROLEUM OIL MIXTURE</b>	8002-05-9	No	5mg/M3 TWA for oil mist	5mg/M3 TWA for oil mist	d

**SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b> >450°F	<b>Specific Gravity</b> (H2O=1): 0.88
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A	<b>Vapor Pressure</b> (Non-Aerosols)(mm Hg and Temperature): <0.01
<b>Vapor Density</b> (Air = 1): 12	<b>Evaporation Rate</b> (BUAC = 1): <0.01
<b>Solubility in Water:</b> Negligible	<b>Water Reactive:</b> No
<b>Appearance and Odor:</b> Clear to brownish amber	

**SECTION 3 - FIRE AND EXPLOSION HAZARD DATA**

<b>FLAMMABILITY</b> as per USA FLAME	<b>Auto Ignition Temperature</b>	<b>Flammability Limits in Air by % in Volume:</b>	
<b>PROJECTION TEST</b> (aerosols) N/A	N/A	<b>% UEL:</b> N/D	foam, water.
<b>FLASH POINT AND METHOD USED</b> (non-aerosols):	>400°F COC	(preferred), carbon dioxide,	
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Self-	breathing apparatus.	<b>EXTINGUISHER</b>	<b>% LEL:</b> N/D
<b>Unusual Fire &amp; Explosion Hazards:</b> Slight when exposed to heat or flame. Combustible at high temperatures.			

**SECTION 4 - REACTIVITY HAZARD DATA**

<b>STABILITY</b> [ X ] STABLE [ ] UNSTABLE	<b>HAZARDOUS POLYMERIZATION</b> [ ] WILL [ X ] WILL NOT OCCUR
<b>Incompatibility</b> (Mat. to avoid): Chlorine or oxygen.	<b>Conditions to Avoid:</b> Oxidizing atmospheres.
<b>Hazardous Decomposition Products:</b> Oxides of carbon.	

**SECTION 5 - HEALTH HAZARD DATA**

<b>PRIMARY ROUTES OF ENTRY:</b>	[ ] INHALATION [ ] INGESTION [ X ] SKIN ABSORPTION [ ] EYE [ ] NOT HAZARDOUS
<b>ACUTE EFFECTS:</b>	
<b>Inhalation:</b> May cause respiratory tract irritation.	<b>Skin Contact:</b> May cause irritation.
<b>Eye Contact:</b> May cause irritation.	
<b>Ingestion:</b> May cause vomiting, nausea, diarrhea.	
<b>CHRONIC EFFECTS:</b> None noted.	
<b>Medical Conditions Generally Aggravated by Exposure:</b> None noted.	

**EMERGENCY FIRST AID PROCEDURES**

<b>Eye Contact:</b> Wash with large amounts of water. If irritation persists, call a physician.
<b>Skin Contact:</b> Remove contaminated clothing. Wash with soap and water.
<b>Inhalation:</b> Remove to fresh air.
<b>Ingestion:</b> DO NOT INDUCE VOMITING. Give 3-4 glasses of water. Seek medical attention.

**SECTION 6 - CONTROL AND PROTECTIVE MEASURES**

<b>Respiratory Protection (specify type):</b> None required.	<b>Eye Protection:</b> Splash goggles or safety glasses.
<b>Protective Gloves:</b> Neoprene or plastic.	
<b>Ventilation Requirements:</b> None required in excess to normal ventilation.	
<b>Other Protective Clothing &amp; Equipment:</b> Oil resistant apron.	
<b>Hygienic Work Practices:</b> Do not work in oil soaked clothing. Wash after handling.	

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Stop flow, dike spill, eliminate all ignition sources, absorb on inert material and scrape up.
<b>Waste Disposal Methods:</b> Dispose of in accordance with local, state and federal regulations.
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Avoid prolonged exposure to mist and vapors. Avoid flames, sparks and hot surfaces. Keep containers closed. Shelf life one year.
<b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. Empty containers may contain explosive gas.

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.*  
 \*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only