

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

<b>IDENTITY AND MANUFACTURER'S INFORMATION</b>	
<b>NFPA Rating:</b> Health-2; Flammability-3; Reactivity-0; Special- -	<b>HMIS Rating:</b> Health-2; Flammability-3; Reactivity-0; Personal Protection-B
Manufacturer's Name: <b>H &amp; B Industries, Inc.</b> Address: 9758 Abernathy Ave. Dallas, TX 75220	<b>DO T</b> Identity <b>HB-1010 Super Lube Fuel Conditioner</b>
Date Prepared: 02/05/2005      Prepared By: ED	<b>MSDS Number:</b> HB1010      Revision - 3
Information Calls: (800) 466-0855	<b>NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA</b>
<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>BUTYL HYDRATE</b>	78-92-2	Yes	150	100	d
<b>CRESOL</b>	1319-77-3	Yes	5	5	d
<b>PETROLEUM DISTILLATE</b>	8002-05-9	No	5mg/M3	5mg/M3	d

## SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b> 120°F	<b>Specific Gravity (H2O=1):</b> 0.89
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A	<b>Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):</b> 200
<b>Vapor Density (Air = 1):</b> 4	<b>Evaporation Rate (BUAC = 1):</b> 2
<b>Solubility in Water:</b> Negligible	<b>Water Reactive:</b> Neg.
<b>Appearance and Odor:</b> Clear liquid with petroleum / solvent odor.	

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

<b>FLAMMABILITY</b> as per USA FLAME <b>PROJECTION TEST</b> (aerosols) N/A <b>FLASH POINT AND METHOD USED</b> (non-aerosols): <b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Self-	<b>Auto Ignition Temperature</b> N/D <b>83°F TCC</b> <b>EXTI</b>	<b>Flammability Limits in Air by % in Volume:</b> % LEL: N/D      % UEL: N/D <b>MEDIA:</b> Dry chemical (preferred), carbon dioxide, water fog.
<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> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
<b>Incompatibility (Mat. to avoid):</b> Strong oxidizers.	<b>Conditions to Avoid:</b> Oxidizing atmospheres, heat, flames, sparks.
<b>Hazardous Decomposition Products:</b> Oxides of carbon.	

## SECTION 5 - HEALTH HAZARD DATA

<b>PRIMARY ROUTES OF ENTRY:</b> <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	
<b>ACUTE EFFECTS:</b>	
<b>Inhalation:</b> Headache, nausea, incoordination, drowsiness.	
<b>Eye Contact:</b> Irritant, may cause chemical burn.	<b>Skin Contact:</b> Irritant, may cause chemical burn.
<b>Ingestion:</b> May cause vomiting, nausea, diarrhea. May get systemic poisoning.	
<b>CHRONIC EFFECTS:</b> None noted.	
<b>Medical Conditions Generally Aggravated by Exposure:</b> None noted other than irritant.	

## 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> <b>DO NOT INDUCE VOMITING.</b> Give 3-4 glasses of water. Seek medical attention.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

<b>Respiratory Protection (specify type):</b> NIOSH / MSA self-contained breathing apparatus in confined areas.
<b>Protective Gloves:</b> Neoprene or plastic. <b>Eye Protection:</b> Splash goggles or safety glasses.
<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> <b>KEEP OUT OF REACH OF CHILDREN.</b> Remove ignition sources.

*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