

# MATERIAL SAFETY DATA SHEET

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

IDENTITY AND MANUFACTURER'S INFORMATION		IDENTIFICATION AND INFORMATION				
<b>NFPA Rating:</b> Health-1; Flammability-2; Reactivity-0; Special- -		<b>HMIS Rating:</b> Health-1; Flammability-2; Reactivity-0; Personal Protection-B				
Manufacturer's Name: <b>H &amp; B Industries, Inc.</b> Address: 9758 Abernathy Ave. Dallas, TX 75220		<b>DOT Identity</b> <b>HB-1000 DIESEL FUEL STABILIZER</b>				
Date Prepared: 02/05/2005      Prepared By: ED		<b>MSDS Number:</b> HB1000      Revision - 3				
Information Calls: (800)466-0855 <b>EMERGENCY RESPONSE NUMBER: 1(800)535-5350</b>		NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA				
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 **
NITRATED ALIPHATIC HYDROCARBON		27247-96-7	No	N/E	N/E	d
CYCLOHEXYL KETONE		108-94-1	No	50	25	d
HYDROCARBON DISTILLATE-KEROSENE TYPE		8008-20-6	No	200	200	d
AROMATIC HYDROCARBONS		1330-20-7	Yes	100	100	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: 132°F		Specific Gravity (H <sub>2</sub> O=1): 0.81				
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A		Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): 75°F 200				
Vapor Density (Air = 1): 4		Evaporation Rate ( ETAC = 1): >10				
Solubility in Water: Negligible		Water Reactive: Negligible				
Appearance and Odor: Clear fluid with petroleum solvent odor.						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
FLAMMABILITY as per USA FLAME		Auto Ignition Temperature		Flammability Limits in Air by % in Volume:		
PROJECTION TEST (aerosols) N/A		N/A		% LEL: N/D      % UEL: N/D		
FLASH POINT AND METHOD USED (non-aerosols):		117°F TCC		MEDIA: Dry chemical (preferred), carbon dioxide, foam, water.		
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained		EXTI				
Unusual Fire & Explosion Hazards: Slight when exposed to heat or flame. Combustible at high temperatures.						
SECTION 4 - REACTIVITY HAZARD DATA						
STABILITY [ X ] STABLE [ ] UNSTABLE		HAZARDOUS POLYMERIZATION [ ] WILL [ X ] WILL NOT OCCUR				
Incompatibility (Mat. to avoid): Strong oxidizing agents.		Conditions to Avoid: Oxidizing atmospheres.				
Hazardous Decomposition Products: Oxides of carbon.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: [ ] INHALATION [ ] INGESTION [ X ] SKIN ABSORPTION [ X ] EYE [ ] NOT HAZARDOUS						
ACUTE EFFECTS						
Inhalation: May cause respiratory tract irritation, fatigue, nausea.						
Eye Contact: May cause irritation, blurred vision.			Skin Contact: May cause irritation.			
Ingestion: May cause vomiting, nausea, diarrhea.						
CHRONIC EFFECTS: None noted.						
Medical Conditions Generally Aggravated by Exposure: None noted.						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: Wash with large amounts of water. If irritation persists, call a physician.						
Skin Contact: Remove contaminated clothing. Wash with soap and water.						
Inhalation: Remove to fresh air.						
Ingestion: DO NOT INDUCE VOMITING. Give 3-4 glasses of water. Seek medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): Use NIOSH / MSA self-contained breathing apparatus in confined areas.						
Protective Gloves: Neoprene or plastic.			Eye Protection: Splash goggles or safety glasses.			
Ventilation Requirements: None required in excess to normal ventilation.						
Other Protective Clothing & Equipment: Oil resistant apron.						
Hygienic Work Practices: Do not work in oil soaked clothing. Wash after handling.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken If Material Is Spilled Or Released: Stop flow, dike spill, eliminate all ignition sources, absorb on inert material and scrape up.						
Waste Disposal Methods: Dispose of in accordance with local, state and federal regulations.						
Precautions To Be Taken In Handling & Storage: Avoid prolonged exposure to mist and vapors. Avoid flames, sparks and hot surfaces. Keep containers closed. Shelf life one year.						
Other Precautions &/or Special Hazards: 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