

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						
NFPA Rating: Health-2; Flammability-2; Reactivity-0; Special- Manufacturer's Name: H & B Industries, Inc. Address: 9758 Abernathy Ave. Address: Dallas, TX 75220			HMIS Rating: Health-2; Flammability-2; Reactivity-0; Personal Protection-B DO T Identify HB-94 COMMAND Parts Washer Solvent			
Prepared: 02/05/2005 Prepared By: ED Information Calls: (800)466-0855 EMERGENCY RESPONSE NUMBER: 1-800-535-5350			MSDS Number: HB-94 Revision: - 2 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 **
ALIPHATIC PETROLEUM DISTILLATES		64742-47-8	No	100	N/E	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: 350° F+			Specific Gravity (H ₂ O=1): 0.799			
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): 5@100° F			
Vapor Density (Air = 1): 5			Evaporation Rate (= 1): N/D			
Solubility in Water: Negligible			Water Reactive: No			
Appearance and Odor: Blue colored liquid with low odor.						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A FLASH POINT AND METHOD USED (non-aerosols): 142° F TCC		Aut o	Ignition Temperature N/D	Flammability Limits in Air by % in Volume: % LEL: NA % UEL: NA		
EXTINGUISHER MEDIA: Water spray or fog, foam, dry chemical or CO ₂ . Do not use direct water stream.		SPECIAL FIRE FIGHTING PROCEDURES: Do not enter confined fire space without proper protective equipment including NIOSH approved self-contained breathing apparatus. Cool fire exposed containers, surrounding equipment & structures with water.				
Unusual Fire & Explosion Hazards: None known.						
SECTION 4 - REACTIVITY HAZARD DATA						
STABILITY [X] STABLE [] UNSTABLE Incompatibility (Mat. to avoid): Oxidizing materials.			HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR Conditions to Avoid: Heat, sparks, open flame.			
Hazardous Decomposition Products: Oxides of carbon & unidentified organic compounds may be formed during combustion.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: [] INHALATION [] INGESTION [X] SKIN ABSORPTION [] EYE [] NOT HAZARDOUS						
ACUTE EFFECTS: Toxicity: CNS depression producing headache, dizziness, nausea and loss of consciousness.						
Inhalation: High concentrations or prolonged exposure to lower concentrations may be slightly irritating to mucous membranes.						
Eye Contact: Slight irritation from short term contact. Prolonged & repeated contact more irritating.			Skin Contact: Prolonged & repeated liquid contact may result in irritation and dermatitis.			
Ingestion: May result in vomiting. Aspiration of vomitus into lungs must be avoided as lung contact can result in chemical pneumonitis and pulmonary edema.						
CHRONIC EFFECTS: None known.						
Medical Conditions Generally Aggravated by Exposure: Pre-existing irritation of skin or mucous membranes.						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: Flush with water for 15 minutes. If irritation persists, get medical attention.						
Skin Contact: Wash with soap and water. If irritation persists, get medical attention.						
Inhalation: Remove to fresh air. Provide oxygen if breathing is difficult. Get medical attention.						
Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): As required to prevent overexposure. NIOSH approved air purifying respirator for organic vapors or atmosphere-supplying respirator.						
Protective Gloves: As required to minimize skin contact.			Eye Protection: Safety glasses or goggles.			
Ventilation Requirements: Explosion proof ventilation as required to control vapor concentrations.						
Other Protective Clothing & Equipment: Clothing as required to minimize skin contact. Eyewash station and safety shower.						
Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands after handling.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken If Material Is Spilled Or Released: Contain spill. Keep out of surface waters & any sewers or water courses entering or leading to surface waters. Soak up with inert absorbent & place in properly labeled leak-proof containers for disposal.						
Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.						
Precautions To Be Taken In Handling & Storage: Store in original shipping containers away from heat, open flame & oxidizing materials. Keep closed when not in use. Shelf life 1 year.						
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions.						

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