

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-1; Flammability-0; Reactivity-0; Special- - Manufacturer's Name: H & B Industries, Inc. Address: 9758 Abernathy Ave. Address: Dallas, TX 75220 Date Prepared: 02/05/05 Prepared By: ED Information Calls: (800)466-0855 Emergency Response Number: 1-800-535-5053 CHEMTREC	INFORMATION HMS Rating: Health-1; Flammability-0; Reactivity-0; Personal Protection-B DOT Hazard Classification: Non-Hazardous Identity (trade name as used on label): HB-80 Steam-O-Clean H.D. Cleaner MSDS Number: HB80 Revision - 2 NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA
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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 **
THIS PRODUCT CONTAINS NO HAZARDOUS INGREDIENTS					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212°F	Specific Gravity (H2O=1): 1.02
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A	Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): 18@75°F
Vapor Density (Air = 1): .62	Evaporation Rate (water = 1): >1
Solubility in Water: Total	Water Reactive: No
Appearance and Odor: Clear, red fluid with no distinct odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A	Auto Ignition Temperature N/A	Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A
FLASH POINT AND METHOD USED (non-aerosols): None		EXTINGUISHER MEDIA: Product is non-combustible.
SPECIAL FIRE FIGHTING PROCEDURES: None		
Unusual Fire & Explosion Hazards: None		

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: None
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide.	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: [] INHALATION [] INGESTION [X] SKIN ABSORPTION [X] EYE [] NOT HAZARDOUS	
ACUTE EFFECTS	
Inhalation: May cause irritation to mucous membranes.	
Eye Contact: Irritating	Skin Contact: Irritating
Ingestion: May cause diarrhea, nausea.	
CHRONIC EFFECTS: Prolonged exposure to diluted mists may cause skin and/or eye irritation or dermatitis.	
Medical Conditions Generally Aggravated by Exposure: None known.	

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes, then apply an isotonic solution. If irritation persists, get medical attention.
Skin Contact: Wash with soap and water. If irritation persists, get medical attention.
Inhalation: Remove to fresh air.
Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water followed by a weak vinegar solution. Get immediate medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): None required.	Eye Protection: Splash goggles or face shield.
Protective Gloves: Rubber	
Ventilation Requirements: Normal ventilation is adequate.	
Other Protective Clothing & Equipment: Splash apron and rubber boots, if desired.	
Hygienic Work Practices: Wash face, hands and exposed skin after use.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken if Material Is Spilled Or Released: Dike and contain. Recollect for reuse of concentrate. After removal of excess fluid, neutralize residual with vinegar water. Very small spills may be washed down the sewer.
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. Keep closed when not in use. Shelf life 1 year. Protect from extreme heat and cold.
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

THIS MSDS IS CURRENT AS OF November 7, 2001. The DATE PREPARED section is the original date assembled and remains current until a change is necessary. This is tracked internally at the manufacturer by these date codes and therefore must remain as the originating date.