

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		INFORMATION				
NFPA Rating: Health-2; Flammability-0; Reactivity-0; Special- - Manufacturer's Name: H & B Industries, Inc. Address: 9758 Abernathy Ave Dallas, TX 75220		HMIS Rating: Health-3; Flammability-0; Reactivity-1; Personal Protection-B DOT Hazard Classification: Corrosive Material, 8 Identity (trade name as used on label): <b style="text-align: center;">HB-299 FOAMING CONCRETE CLEANER				
Date Prepared: 02/05/05 Prepared By: ED Information Calls: (800) 466-0855 EMERGENCY RESPONSE NUMBER: (800) 535-5053		MSDS Number: HB299 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 **
SODIUM HYDROXIDE		1310-73-2	No	2mg/m3 TWA	2mg/m3 ceiling	d
TRISODIUM PHOSPHATE DODECAHYDRATE		10101-89-0	No	5mg/m3 TWA	5mg/m3 TWA	d
SODIUM METASILICATE, ANHYDROUS		6834-92-0	No	N/E	N/E	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: 100°C		Specific Gravity (H ₂ O=1): 1.12				
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A		Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/D				
Vapor Density (Air = 1): N/D		Evaporation Rate (water = 1): 1				
Solubility in Water: Miscible		Water Reactive: No				
Appearance and Odor: Clear, yellow, non-viscous liquid with bland odor.						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA		AND EXPLOSION HAZARD DATA				
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A FLASH POINT AND METHOD USED (non-aerosols): Non-combustible SPECIAL FIRE FIGHTING PROCEDURES: Non-combustible. Use procedures appropriate to surrounding fire.		Auto Ignition Temperature EXTINGUISHER MEDIA: Non-combustible. Use media suitable for surrounding fire.		Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A		
Unusual Fire & Explosion Hazards: Contact with aluminum or other reactive metals may liberate explosive hydrogen gas.						
SECTION 4 - REACTIVITY HAZARD DATA						
STABILITY [X] STABLE [] UNSTABLE		HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR				
Incompatibility (Mat. to avoid): Acids, aluminum or other reactive metals, leather, wool.		Conditions to Avoid: None.				
Hazardous Decomposition Products: Sodium oxide, oxides of phosphorus.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: [X] INHALATION [X] INGESTION [X] SKIN ABSORPTION [X] EYE [] NOT HAZARDOUS						
ACUTE EFFECTS: Corrosive to all body tissues with which it comes in contact.						
Inhalation: Airborne concentrations of mist or spray may cause damage to the upper respiratory tract & even lung tissue which could produce chemical pneumonia, depending on severity of exposure.						
Eye Contact: May cause severe burns that result in damage & even blindness. Skin Contact: May cause severe burns on prolonged contact.						
Ingestion: Can cause severe burns on mucous membranes of mouth, throat, esophagus, stomach.						
CHRONIC EFFECTS: Tissue damage depending on location and degree of exposure.						
Medical Conditions Generally Aggravated by Exposure: Dermatitis.						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: Immediately flush with large amounts of water for 15 minutes while holding lids apart, then seek medical attention.						
Skin Contact: Immediately remove contaminated clothing & footwear & wash contaminated areas with plenty of water for 15 minutes. If tissue damaged, seek medical attention.						
Inhalation: Remove to fresh air. Give oxygen if breathing difficult, artificial respiration if breathing has stopped. Get prompt medical attention						
Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water, milk if available. Get immediate medical attention. Never give anything by mouth to an unconscious person.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): None required under normal use and handling conditions. Use NIOSH/MSHA approved respirator where mist or spray may be generated.						
Protective Gloves: Rubber		Eye Protection: Chemical goggles.				
Ventilation Requirements: Normal room ventilation is generally adequate. Use adequate local exhaust ventilation where mist or spray may be generated.						
Other Protective Clothing & Equipment: Clothing as needed to minimize contact.						
Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash immediately on contact.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken if Material Is Spilled Or Released: Contain spill. Do not contaminate sewers, ground or surface waters. Soak up in inert absorbent. Place in properly labeled, sealed, non-leaking containers for proper 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. Keep closed when not in use. Shelf life 1 year. Protect from extreme heat and cold. Avoid bodily contact.						
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