

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-0; Reactivity-0; Special-		HMIS Rating: Health-2; Flammability-0; Reactivity-0; Personal Protection- B			
Manufacturer's Name: Ankem Inc. Address: 3333 Earhart #240 Carrollton, TX 75006		DOT Hazard Classification: Cleaning Compounds Corrosive liquid n.o.s. (Hydrochloric Solution) 8 UN1760, PGII Identity (trade name as used on label) : BIO-CLEAN EXTRA STR.® "Non-Fuming Concrete Remover"			
Date Prepared: 02/19/07		MSDS Number: NA Revision - 7			
Information Calls: (972)720-0400 EMERGENCY RESPONSE NUMBER: 1(800)424-9300		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 **
Hydrogen Chloride (Aqueous)	7647010		5ppm	5ppm	
Phosphoric Acid	7664382		1mg/m3	1mg/m3	
All other ingredients are proprietary trade secrets and/or (Non-Hazardous)					
*** Special Waxes ***					
*** Special Metal Corrosion Protectors ***					
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS					
Boiling Point: 212 +		Specific Gravity (H2O = 1): 1.2			
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): 1.0			
Solubility in Water:100%		Water Reactive: No			
Appearance and Odor: Clear to very light Amber					

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): Non-combustible.		SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool fire-exposed containers.
EXTINGUISHER MEDIA: Use media appropriate for surrounding fire.		
Unusual Fire & Explosion Hazards: Latent fire hazard due to generation of hydrogen gas if in contact with metals.		

SECTION 4 - REACTIVITY HAZARD DATA	
STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
Incompatibility (Mat. to avoid): Polished Aluminum, Other Bare Metals (Whiting or Streaking occurs), Oxidizers, Ceramics	Conditions to Avoid: None
Hazardous Decomposition Products: N/A	

SECTION 5 - HEALTH HAZARD DATA	
PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	
ACUTE EFFECTS	
Inhalation: Inhalation of mist or fume will cause irritation of contacted mucous membranes or respiratory tissue.	
Eye Contact: Can cause burns to eyes.	Skin Contact: Can cause skin burns
Ingestion: Will cause severe GI tract distress. Give four glasses of water or milk and refer to physician as soon as possible.	
CHRONIC EFFECTS: None known.	
Medical Conditions Generally Aggravated by Exposure: None known.	

EMERGENCY FIRST AID PROCEDURES	
Eye Contact: Flush with water for 15 minutes. Seek medical attention.	
Skin Contact: Remove contaminated clothing. Flush skin with 15 minutes of soap & water.	
Inhalation: N/A	
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): If product is used as a mist then an organic respirator is required.	
Protective Gloves: Rubber	Eye Protection: Chemical goggles or glasses required.
Ventilation Requirements: Use with adequate ventilation.	
Other Protective Clothing & Equipment: Eyewash station and drench hose	
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: Collect spilled material neutralize with soda ash & wash off residue with water.

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