

“Temporary Cement Remover”

DEFEND Item
Code #SO-9800

MATERIAL SAFETY DATA SHEET

IDENTIFICATION				
Manufactured for:	MYDENT INTERNATIONAL			
Address:	80 Suffolk Court			
City, State, Zip:	Hauppauge, NY 11788			
Telephone:	631-434-7760			
Date Prepared:	06/01/06			
Chemical Name:	Evacuation System Cleaner			
HAZARDOUS INGREDIENTS				
ITEM	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
Hazardous/Toxic & Non-Hazardous Components (CAS #):				
Water (7732-18-5)	---	---	---	60-70
2-Propoxyethanol (2807-30-9)	---	---	---	10-20
Quaternary Ammonium Chloride (68610-19-5)	---	---	---	1-10
Sodium Dodecylbenzenesulfonate (25155-30-0)	---	---	---	1-10
Sodium Hydroxide (1310-73-2)	---	---	---	1-10
Hazard Rating (NFPA):				
HEALTH: 2 FLAMMABILITY: 0 REACTIVITY: 0 SPECIFIC: None				
Non-Hazardous Components (CAS #): See above.				
AS PER OSHA HAZARD COMMUNICATIONS STANDARD 29CFR 1910.1200				
PHYSICAL DATA/CHEMICAL CHARACTERISTICS				
Appearance and Odor: Liquid; Mild detergent like odor; Clear pale amber color.				
Boiling Point: 210° - 212° F				
Volatile (by weight %):	Approximately 85% as water.			
Vapor Pressure (mm Hg.):	Not established.			
Melting Point:	Not available.			
Vapor Density (AIR – 1):	Not established.			
Evaporation Rate (Butyl Acetate – 1):	N/A			
Solubility in Water (H₂O)::	Soluble			
Specific Gravity (H₂O – 1):	1.10			
pH:	13			
FIRE AND EXPLOSION HAZARD DATA				
Flash Point (Method Used): 136° F (57.8° C)				
Flammable Limits: Not applicable.				
Extinguishing Media: Extinguish with dry chemical CO ₂ , or a BC/ABC extinguisher.				
UEL: No data.		LEL: No data.		
Special Fire Fighting Procedures: None known.				
Unusual Fire & Explosion Hazards or Procedures: Product will burn under fire conditions. Closed containers may explode due to build up of pressure when exposed to extreme heat. Oxides of sulfur and carbon.				
REACTIVITY DATA				
Stability: Stable under normal conditions.				
Conditions to Avoid: Heat, open flame.				
Incompatibility (Material to Avoid): Strong acids, strong oxidizing agents, aluminum.				
Hazardous Decomposition of Byproducts: Oxides of carbon and nitrogen.				
Hazardous Polymerization: Will not occur.				
TRANSPORTATION: (DOT info if Applicable)				
D.O.T. Hazard Class: ORM-D				

HEALTH HAZARD DATA	
EFFECTS OF OVEREXPOSURE: Routes of Entry=	
Skin: Will cause irritation to skin.	
Eyes: Direct contact will cause severe irritation to the eyes.	
Ingestion: Can cause severe irritation to the mucous membranes.	
Inhalation: May cause irritation to nose, throat, along with possible respiratory irritation.	
SIGNS AND SYMPTOMS OF EXPOSURE	
Skin: Will cause irritation to skin; causes burns.	
Eye: Direct contact will cause severe irritation to the eyes.	
Ingestion: Can cause severe irritation to the mucous membranes.	
Inhalation: May cause irritation to nose, throat, along with possible respiratory irritation.	
Medical Conditions Generally Aggravated by Exposure: Skin contact may aggravate existing skin disease; Exposure to large doses causes irritation and headaches.	
EMERGENCY AND FIRST AID PROCEDURES	
Skin: Wash thoroughly with water. If irritation or redness develops, seek medical attention.	
Eyes: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention.	
Ingestion: Seek immediate medical attention. DO NOT INDUCE VOMITING.	
Inhalation: If respiratory irritation or distress occurs, move victim to fresh air. Seek medical attention if respiratory irritation or distress continues.	
PRECAUTIONS FOR SAFE HANDLING AND USE	
Steps to be taken in case material is released or spilled: Biodegradable product. Mop up spill and dispose of by dilution to a sanitary sewer system as permitted by local, state and federal regulations.	
Waste Disposal Method: See above.	
Precautions to be Taken in Handling and Storing: Avoid contact with skin, eyes or clothing.	
Other Precautions: Minimum / Maximum Storage Temperatures: 39° to 110° F. Protect from freezing.	
CONTROL MEASURES	
Respiratory Protection (Specify Type): For reasonable uses of this material, respiratory protection should not be necessary.	
VENTILATION: Normal room ventilation.	
Local Exhaust: Not applicable.	
Mechanical (General): Not applicable.	
Protective Gloves: Rubber or plastic gloves to avoid drying and irritation to the skin.	
Eye Protection: Safety glasses to protect from splashing.	
Other Protective Clothing or Equipment: Not applicable.	
Other Work / Hygiene Practices: Provide eyewash station and safety shower in work area.	
CARCINOGENICITY	
NTP:	Not applicable.
IARC Monographs:	Not applicable.
OSHA Regulated:	Not applicable.
SPECIAL INFORMATION	
24 hr EMERGENCY TELEPHONE NUMBER:	
Note: MYDENT INTERNATIONAL has compiled this data based on the research and input of qualified experts in the field of microbiology, chemistry and quality assurance. The data are not to be taken as a warranty or representation for which MYDENT INTERNATIONAL assumes legal responsibility. They are offered only for your consideration and verification.	