"Plaster & Stone Remover"

MATERIAL SAFETY DATA SHEET

DEFEND Item Code #**SO-9500**

IDENTIFICATION

Manufactured for:	MYDENT INTERNATIONAL
Address:	80 Suffolk Court
City, State, Zip:	Hauppauge, NY 11788
Telephone:	631-434-7760
Date Prepared:	1/1/2011
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%
EDTA Na4 Solution (64-02-8)	---	---	---	23-30%
Sodium Citrate (68-04-2)	---	---	---	5-10%

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: Colorless liquid, mild characteristic odor.

Boiling Point: Approximately 212º F	
Volatile (by weight %):	70-75%
Vapor Pressure (mm Hg.):	Not established.
Melting Point:	N/A
Vapor Density (AIR – 1):	Not established.
Evaporation Rate (Butyl Acetate – 1):	N/A
Solubility in Water (H_2O)::	Liquid
Specific Gravity (H_2O – 1):	1.28
pH:	13

FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None

Flammable Limits: No Data

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: Closed containers may explode due to build up of pressure when exposed to extreme heat.

REACTIVITY DATA

Stability: Stable under normal handling and storage conditions as described under Precautions for Safe Handling and Use.

Conditions to Avoid: Excessive heat and cold.

Incompatibility (Material to Avoid): Aluminum, oxidizing materials and zinc metals.

Hazardous Decomposition of Byproducts: Thermal, none known.

Hazardous Polymerization: Will not occur.

TRANSPORTATION: (DOT info if Applicable)

Not D.O.T. regulated.

HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

Routes of Entry=

Skin: Prolonged or repeated contact causes redness, and drying of the skin.

Eyes: Direct contact causes irritation, redness and possible tearing. **Ingestion:** Not known, but expected to cause nausea and diarrhea. **Inhalation:** Breathing high concentrations of vapors or mists may cause irritation to the nose and drowsiness.

SIGNS AND SYMPTOMS OF EXPOSURE

Skin: Prolonged or repeated contact causes redness, and drying of the skin.

Eye: Direct contact causes irritation, redness and possible tearing. **Ingestion:** Not known, but expected to cause nausea and diarrhea. **Inhalation:** Breathing high concentrations of vapors or mists may cause irritation to the nose and drowsiness.

Medical Conditions Generally Aggravated by Exposure:
Skin contact may aggravate existing skin disease.

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: Give large quantities of water and 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 clothes. Minimum / Maximum Storage Temperatures: 39º to 110º F. Protect from freezing.

Other Precautions: N/A

CONTROL MEASURES

Respiratory Protection (Specify Type): For reasonable uses of this material, respiratory protection should not be necessary. **VENTILATION:** Not applicable.

Local Exhaust: Not applicable.

Mechanical (General): Not applicable. **Protective Gloves:** N/A

Eye Protection: Safety glasses to protect from splashing.

Other Protective Clothing or Equipment:
N/A **Other Work / Hygiene Practices:** N/A

CARCINOGENICITY

NTP:	Not applicable.
IARC Monographs:	Not applicable.
OSHA Regulated:	Not applicable.

SPECIAL INFORMATION

24 hr EMERGENCY PHONE #: CHEMTREC (800) 424-9300

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.