

"Tartar & Stain Remover"

DEFEND Item
Code #SO-9600

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 #):	
Citric Acid (77-92-9) ---	--- --- >10%
Contains no other hazardous ingredients.	
Hazard Rating (NFPA):	
HEALTH: 1 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: Clear liquid with no apparent odor.	
Boiling Point: No data available.	
Volatile (by weight %):	N/A
Vapor Pressure (mm Hg.):	No data available.
Melting Point:	Not applicable.
Vapor Density (AIR - 1):	No data available.
Evaporation Rate (Butyl Acetate - 1):	N/A
Solubility in Water (H₂O)::	Miscible
Specific Gravity (H₂O - 1):	1.029 / 25°
pH:	1.50
FIRE AND EXPLOSION HAZARD DATA	
Flash Point (Method Used): Not combustible.	
Flammable Limits: No data.	
Extinguishing Media: Water, carbon dioxide, dry chemical foam.	
UEL: 0	LEL: 0
Special Fire Fighting Procedures: None	
Unusual Fire & Explosion Hazards or Procedures: No explosion hazards.	
REACTIVITY DATA	
Stability: Stable	
Conditions to Avoid: Not applicable.	
Incompatibility (Material to Avoid): Oxidizing agents, reducing agents.	
Hazardous Decomposition of Byproducts: Carbon dioxide, carbon monoxide.	
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: May cause skin irritation.	
Eyes: May cause eye severe eye irritation.	
Ingestion: May cause mucous membrane irritation; may cause allergic reaction.	
Inhalation: May cause headaches, nausea.	
SIGNS AND SYMPTOMS OF EXPOSURE	
Skin: May cause skin irritation.	
Eye: May cause eye severe eye irritation.	
Ingestion: May cause mucous membrane irritation; may cause allergic reaction.	
Inhalation: May cause headaches, nausea.	
Medical Conditions Generally Aggravated by Exposure: May damage tooth enamel. May increase blood calcium levels.	
EMERGENCY AND FIRST AID PROCEDURES	
Skin: In case of skin contact, immediately flush with plenty of water for at least 15 minutes.	
Eyes: In case of contact with eyes, immediately flush with plenty of water for at least 15 minutes.	
Ingestion: If swallowed do not induce vomiting. If conscious, give large quantity of milk. If symptoms, persist, get medical attention.	
Inhalation: Remove to fresh air. If not breathing, give artificial respiration.	
PRECAUTIONS FOR SAFE HANDLING AND USE	
Steps to be taken in case material is released or spilled: Dike and cover spill with an absorbent clay or sand. Small spills can be carefully neutralized with Sodium Bicarbonate or lime. Wear protective clothing, boots, goggles including acid-resistant suit.	
Waste Disposal Method: All local, state and federal regulations concerning health and pollution should be reviewed to determine approved disposal procedure.	
Precautions to be Taken in Handling and Storing: Keep in tightly sealed containers. Avoid excessive heat.	
Other Precautions: N/A	
CONTROL MEASURES	
Respiratory Protection (Specify Type): Wear a NIOSH-approved respirator appropriate for the vapor or mist concentration at the point of use.	
VENTILATION: Recommended.	
Local Exhaust: Recommended.	
Mechanical (General): Acceptable.	
Protective Gloves: Chemical resistant gloves.	
Eye Protection: Chemical resistant goggles.	
Other Protective Clothing or Equipment: Impervious protective clothing / boots.	
Other Work / Hygiene Practices: Use only with adequate ventilation.	
CARCINOGENICITY	
NTP:	Not available.
IARC Monographs:	Not available.
OSHA Regulated:	Not available.
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.	