

# ULTRASONIC/ENZYMATIC TABLETS

DEFEND Item  
Code # UT

## 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:	01/15/2004			
Chemical Name:	Protease			
HAZARDOUS INGREDIENTS				
ITEM	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
<b>Hazardous/Toxic Components (CAS #):</b>				
Protease (CAS #9014-01-1)		None established 0.06mg/m <sup>3</sup> subtilisins (as a pure crystalline enzyme)	N/A	N/A
<b>Hazard Rating (NFPA):</b> HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0 SPECIFIC: None				
<b>Non-Hazardous Components (CAS #):</b> N/A				
AS PER OSHA HAZARD COMMUNICATIONS STANDARD 29CFR 1910.1200				
PHYSICAL DATA/CHEMICAL CHARACTERISTICS				
<b>Appearance and Odor:</b> White and brown speckled tablet, mint aroma.				
<b>Boiling Point:</b> N/A				
<b>Volatile (by weight %):</b>	N/A			
<b>Vapor Pressure (mm Hg.):</b>	N/A			
<b>Melting Point:</b>	N/A			
<b>Vapor Density (AIR – 1):</b>	N/A			
<b>Evaporation Rate (Butyl Acetate – 1):</b>	N/A			
<b>Solubility in Water (H<sub>2</sub>O)::</b>	Readily soluble			
<b>Specific Gravity (H<sub>2</sub>O – 1):</b>	N/A			
<b>pH:</b>	N/A			
FIRE AND EXPLOSION HAZARD DATA				
<b>Flash Point (Method Used):</b> N/A				
<b>Flammable Limits:</b> N/A				
<b>Extinguishing Media:</b> Water, Carbon Dioxide, Dry Chemical				
<b>UEL:</b> N/A	<b>LEL:</b> N/A			
<b>Special Fire Fighting Procedures:</b> N/A				
<b>Unusual Fire &amp; Explosion Hazards or Procedures:</b> N/A				
REACTIVITY DATA				
<b>Stability:</b> Stable				
<b>Conditions to Avoid:</b> Extremely High Temperatures				
<b>Incompatibility (Material to Avoid):</b> N/A				
<b>Hazardous Decomposition of Byproducts:</b> N/A				
<b>Hazardous Polymerization:</b> N/A				
TRANSPORTATION: (DOT info if Applicable)				
N/A				

HEALTH HAZARD DATA	
<b>EFFECTS OF OVEREXPOSURE:</b>	
<b>Routes of Entry=</b> Eye and skin contact, inhalation and accidental ingestion.	
<b>Skin:</b> Irritation	
<b>Eyes:</b> Irritation	
<b>Ingestion:</b> If swallowed, seek medical advice immediately.	
<b>Inhalation:</b> Irritation; Dust inhalation can cause sensitization.	
SIGNS AND SYMPTOMS OF EXPOSURE	
<b>Skin:</b> Irritation	
<b>Eye:</b> Irritation	
<b>Ingestion:</b> If swallowed, seek medical advice immediately.	
<b>Inhalation:</b> Irritation; Dust inhalation can cause sensitization.	
<b>Medical Conditions Generally Aggravated by Exposure:</b> Allergy to Enzyme Protein.	
EMERGENCY AND FIRST AID PROCEDURES	
<b>Skin:</b> In case of skin contact, immediately wash with plenty of water and remove contaminated clothing.	
<b>Eyes:</b> Flush eyes with plenty of water at least 15 minutes. Consult a doctor immediately if irritation continues.	
<b>Ingestion:</b> If swallowed, seek medical advice immediately.	
<b>Inhalation:</b> If inhaled, remove to fresh air.	
PRECAUTIONS FOR SAFE HANDLING AND USE	
<b>Steps to be taken in case material is released or spilled:</b> Vacuum or moisten with water and collect into closed disposal container.	
<b>Waste Disposal Method:</b> Follow Local, State and Federal regulations for disposal. Product is biodegradable.	
<b>Precautions to be Taken in Handling and Storing:</b> Keep in cool, dry place. Keep out of reach of children. Avoid splashing solution.	
<b>Other Precautions:</b> N/A	
CONTROL MEASURES	
<b>Respiratory Protection (Specify Type):</b> Use NIOSH / OSHA approved device if ventilation cannot be provided.	
<b>VENTILATION:</b> None	
<b>Local Exhaust:</b> N/A	
<b>Mechanical (General):</b> N/A	
<b>Protective Gloves:</b> Vinyl or rubber gloves.	
<b>Eye Protection:</b> Safety glasses are recommended.	
<b>Other Protective Clothing or Equipment:</b> None	
<b>Other Work / Hygiene Practices:</b> Do not place in unlabelled container. Wash hands after use	
CARCINOGENICITY	
<b>NTP:</b>	N/A
<b>IARC Monographs:</b>	N/A
<b>OSHA Regulated:</b>	N/A
SPECIAL INFORMATION	
<b>24 hr EMERGENCY TELEPHONE NUMBER:</b>	
Note: Carl Parker Associates / Mydent Corporation 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 Carl Parker Associates / Mydent Corporation Int'l assumes legal responsibility. They are offered only for your consideration and verification.	