## MATERIAL SAFETY DATA SHEET

		I Pr	roduct Identifica	tion		
COMPANY NAME: ADDRESS: PRODUCT NAME:	5035 Manchester Avenue St. Louis, Missouri 63110			Nights: 314-8 CHEMTREC: Product No.:	802-2000 (800) 424-9300 1103	
SYNONYMS:		ratus and Instrumer	nt Presoak	1100001110	1100	
		II Hazardo	ous Ingredients o	of Mixtures		
Material		(CAS#)	% by Wt.	TLV	PEL	
Subtilisins (Proteoly		(9014-01-1)	< 5	.06ppb	N/A	
Sodium tetraborate,	decanyorate	(1303-96-4)	< 5	5mg/m3	10mg/m3	
		II	I Physical Data			
Vapor Pressure, mmHg: N/A Evaporation Rate (ether = 1): N/A Solubility in H <sub>2</sub> 0: Complete Freezing Point F: N/A Boiling Point F: > 212F Specific Gravity H <sub>2</sub> 0 = 1 @ 25C: 1.08				Vapor Density (Air = 1) 60–90 F: Undeterm. % Volatile by wt: N/A pH @ Undiluted Solution: N/A pH as Distributed: 7.5–8.0 Appearance: Amber liquid Odor: Typical, mild odor		
		IV	Fire and Explos	ion		
Extinguishing Media Special Fire Fighting taken, such as Unusual Fire and Ex	g Procedures: s wearing a self	-contained breathin Is: None know	luirements given. g apparatus.	As with any chem	nical fire, proper cautions	should be
Stability-Conditions	to avoid:	Stable	nouounty Dut	-		
Incompatibility: Hazardous Decomp Conditions Contribu	None known osition Product	s: Propionald	ehyde, CO, CO <sub>2</sub> i Will not occ			
		VI	Health Hazard D	ata		
Inhalation: Spi bre Ingestion: May B. Subchronic, Chi	Route of Expos Jpon contact, m ay mists or dus athing. cause upset to ronic, Other: S	ure) ildly irritating to eye ts from dried residu gastrointestinal tra Subtilisins chronic ex ayed up to 24 hours	es. Prolonged or r les may result in let. xposure to dusts	epeated contact r respiratory irritatio showed allergic so	nay irritate skin. on, coughing and/or diffic ensitization with respirato	-
		VII Emerger	ncy and First Aid	I Procedures		
Skin: Immediately irritation dev	wash with soap elops, seek me	dical aid.	er for at least 15 r	ninutes while rem	oving contaminated cloth	-
medica	I aid and report	all inhalation expos	sures to health ar	d safety personne		
ngestion: Do not induce vomiting. Give water to dilute. Call a physician. Never give anything by mouth to an unconscious						

Example of an MSDS form (continued).

person.

## VIII Spill or Leak Procedures

*Spill Management:* Contain spill and absorb material with an inert substance. Collect waste in suitable container. *Waste Disposal Methods:* Dispose of in accordance with local, state, and federal regulations.

## IX Protection Information/Control Measures

Respiratory: Not required under normal use Eye: Safety glasses Glove: Rubber Other Clothing and Equipment: Clothes sufficient to avoid contact Ventilation: Local exhaust

## **X** Special Precautions

Precautions to be taken in Handling and Storing: Avoid exposure to high temperature or humidity. Wash hands thoroughly after use. Keep container closed when not in use.

Additional Information: Read and observe all labeled precautions.

Prepared by: R. C. Jente

Revision Date: 08/24/96

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risks of use and/or handling of this material when such use and/or handling is contrary to label instructions.

While Seller believes that the information contained herein is accurate, such information is offered solely for its customers' consideration and verification under their specific use conditions. This information is not to be deemed a warranty or representation of any kind for which Seller assumes legal responsibility.

Example of an MSDS form (continued).