



**FABPRO INC.**

4220 Shannon Drive  
Baltimore Maryland 21213  
Telephone (410) 325-5040

**HAZARD RATING HMIS**  
Health=2,Flammability= 0,Reactivity= 0  
(Index: 4=very high, 3=high, 2=moderate  
1=slight, 0=insignificant)

**Material Safety Data Sheet**

**I. General Information**

<b>Trade Name &amp; Synonym</b> Liquid Enzyme Pre Spray SR	<b>Chemical Family</b> Surfactant/detergent
<b>Chemical Name &amp; Synonym</b> Mixture	<b>Date prepared</b> July 1996
	<b>Prepared by</b> Aziz Ullah Ph.D.

**II. Ingredients**

Water, Biodegradable anionic and non ionic surfactants perfume, proteolytic enzymes, sequestering agents

**III. Physical Properties**

<b>Boiling Point</b> Approx. 212°F	<b>Specific Gravity(Water=1)</b> 1.02
<b>Vapor Pressure(mm Hg.)</b> ND	<b>Melting Point</b> Below . 32°F
<b>Vapor Density(AIR=1)</b> >1	<b>Evaporation Rate (Butyl Acetate=1)</b> >1
<b>Solubility in Water</b> Soluble	<b>Appearance and odor</b> Purplish liquid with fresh orange odor
<b>pH (Liquid as is )</b> 7-9	

**IV. Fire and Explosion Hazard Data**

<b>Flash Point (TOC)</b> Over . 200°F NA	<b>Flammable Limits</b> NA	<b>LEL</b>	<b>UEL</b>
<b>Extinguishing Media</b> Foam, CO <sub>2</sub> , Dry Chemical, Water Fog			
<b>Special Fire Fighting Procedures</b> Usual Fire fighting procedures can be used			
<b>Unusual Fire and Explosion Hazards</b> None Known			

**V. Reactivity Data**

<b>Stability</b>	<b>Unstable</b>	<b>Conditions to avoid</b>
	<b>Stable</b> X	
<b>Incompatibility (Materials to avoid)</b> Acids, Alkalis, Strong oxidizing agents		
<b>Hazard Decomposition or Byproducts</b> When Exposed to fire emits normal products of combustion		
<b>Hazardous</b>	<b>May occur</b>	<b>Conditions to avoid</b>
<b>Polymerization</b>	<b>Will not occur</b> X	

**FABPRO INC.**

**Material Safety Data Sheet**

**VI. Health Hazard Data**

<b>Routes of Entry</b>	<b>Inhalation</b>	<b>Skin</b>	<b>Ingestion</b>	<b>Eyes</b>
		<u>Yes</u>	<u>Yes</u>	<u>Yes</u>

**Health Hazards**

Direct contact of product with eyes can cause irritation, product can cause discomfort if taken internally  
Product contains powerful proteolytic enzymes.

**Signs and Symptoms of Exposure**

Irritation discomfort

**Medical Conditions Aggravated by Exposure**

None known

**Emergency and First Aid Procedures**

Flush Thoroughly with water If irritation persists see physician if ingested drink milk or water see physician

**VII. Precautions for Safe Handling and Use**

**Steps to be Taken in Case Material is Released or Spilled**

Flush with water, ( Non-Hazardous waste)

**Waste Disposal Method**

Check with federal state or local regulations, waste may be discharged into sanitary sewer as non -hazardous waste if regulations permit

**Precautions to be taken in Handling and Storing**

Keep away from heat in cool place, keep away from eyes and repeated or prolonged contact with skin

**Other Precautions**

NA

**VIII. Control Measures**

**Respiratory Protection**

General room ventilation is adequate

<b>Ventilation</b>	<b>Local Exhaust</b>	<b>Special</b>
<u>Not normally required</u>		

<b>Mechanical</b>	<b>Other</b>

**Protective Gloves**

For repeated contact impermeable gloves suggested

**Eye Protection**

Monogoggles suggested

**Other Protective Clothing or Equipment**

NA

**Work/Hygienic Practices**

Wash after handling Keep out of reach of children

DISCLAIMER: Fabpro warrants this product conforms to specifications when used as directed No guarantee is made to the accuracy of any data or statement contained herein, as this information is furnished in good faith and believed to be true and accurate. No warranty, express or implied is made. This information is offered for consideration investigation and verification. Fabpro is not liable for incidental, special, or consequential damages with its publication.