

**FABPRO INC.**

3000 E. Preston Street  
 Baltimore, Maryland 21213  
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**HAZARD RATING HMIS**

Health=1, 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>		<b>Chemical Family</b>
Powdered Inplant Detergent HD		Surfactant/detergent
<b>Chemical Name &amp; Synonym</b>	<b>Date prepared</b>	<b>Prepared by</b>
Mixture	August 1995	Aziz Ullah Ph.D.

**II. Ingredients.** Sodium Silicate, Biodegradable anionic and non-ionic surfactants, Soda Ash or complex phosphates, Soil suspension agents

**III. Physical Properties**

<b>Boiling Point</b>	<b>Specific Gravity (Water=1)</b>
NA	Approx. 0.60
<b>Vapor Pressure (mm Hg.)</b>	<b>Melting Point</b>
NA	ND
<b>Vapor Density (AIR=1)</b>	<b>Evaporation Rate (Butyl Acetate=1)</b>
NA	NA
<b>Solubility in Water</b>	<b>Appearance and odor</b>
Soluble	White free flowing powder insignificant odor
<b>pH (Powder 1% solution, )</b>	
10.0-10.5	

**IV. Fire and Explosion Hazard Data**

<b>Flash Point (TOC)</b>	<b>Flammable Limits</b>	<b>LEL</b>	<b>UEL</b>
NA	NA		NA

**Extinguishing Media**

Foam, CO<sub>2</sub>, Dry Chemical, Water Fog

**Special Fire Fighting Procedures**

Usual fire fighting procedures can be used

**Unusual Fire and Explosion Hazards**

None known

**V. Reactivity Data**

<b>Stability</b>	<b>Unstable</b>	<b>Conditions to avoid</b>
	Stable	
	X	

**Incompatibility (Materials to avoid)**

Acids, strong oxidizing agents

**Hazard Decomposition or Byproducts**

When exposed to fire emits normal products of combustion

<b>Hazardous</b>	<b>May occur</b>	<b>Conditions to avoid</b>

**Polymerization**

	<b>Will not occur</b>
	X

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**VI. Health Hazard Data**

<b>Routes of Entry</b>	<b>Inhalation</b>	<b>Skin</b>	<b>Ingestion</b>	<b>Eyes</b>
	No	No	Yes	yes

**Health Hazards**

Direct contact of product with eyes can cause irritation; product can cause discomfort if taken internally

**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, or sweep up and containerize (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; 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**

Glasses suggested

**Other Protective Clothing or Equipment**

NA

**Work/Hygienic Practices**

Wash after handling      Keep out of reach of children

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