



**FABPRO INC.**

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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> Powder Steam Detergent HD		<b>Chemical Family</b> Surfactant/detergent
<b>Chemical Name &amp; Synonym</b> Mixture	<b>Date prepared</b> June 1992	<b>Prepared by</b> Aziz Ullah Ph.D.

**II. Ingredients**

Sodium Silicate, Biodegradable anionic and non-ionic surfactants. Soda Ash or complex phosphates, citrus oils.

**III. Physical Properties**

<b>Boiling Point</b> NA	<b>Specific Gravity (Water=1)</b> Approx. 0.65
<b>Vapor Pressure (mm Hg.)</b> NA	<b>Melting Point</b> ND
<b>Vapor Density (AIR=1)</b> NA	<b>Evaporation Rate (Butyl Acetate=1)</b> NA
<b>Solubility in Water</b> Soluble	<b>Appearance and odor</b> Light yellow powder with citrus odor
<b>pH (Powder 1% solution, )</b> 9.5-10.5	

**IV. Fire and Explosion Hazard Data**

<b>Flash Point (TOC)</b> NA	<b>Flammable Limits</b> NA	<b>LEL</b>	<b>UEL</b> NA
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**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>
	<b>Stable</b> 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>
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**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	No	Yes

Health Hazards

Direct contact of product with eyes can cause severe 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>
Not normally required		

<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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