

FABPRO INC.
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 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

| | | |
|--|--|--|
| Trade Name & Synonym Powdered Enzymatic Prespray | Chemical Family Surfactant/detergent | |
| Chemical Name & Synonym Mixture | Date prepared June 1992 | Prepared by Aziz Ullah Ph.D. |

II. Ingredients

Sodium Silicate, Biodegradable anionic and non ionic surfactants Soda ash or complex phosphates, Proteolytic and Lipolytic Enzymes

III. Physical Properties

| | |
|---|--|
| Boiling Point NA | Specific Gravity (Water=1) Approx 0.65 |
| Vapor Pressure (mm Hg.) NA | Melting Point ND |
| Vapor Density (AIR=1) NA | Evaporation Rate (Butyl Acetate=1) NA |
| Solubility in Water Soluble | Appearance and odor Light yellow powder with low citrus odor |
| pH (Powder 1% solution,) 11.2-11.8 | |

IV. Fire and Explosion Hazard Data

| | | | |
|--------------------------------|-------------------------------|------------|------------------|
| Flash Point (TOC) NA | Flammable Limits NA | LEL | UEL NA |
|--------------------------------|-------------------------------|------------|------------------|

Extinguishing Media

Foam, CO₂, 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

| | | |
|------------------|--------------------|----------------------------|
| Stability | Unstable | Conditions to avoid |
| | Stable X | |

Incompatibility (Materials to avoid)

Acids, Strong oxidizing agents

Hazard Decomposition or Byproducts

When Exposed to fire emits normal products of combustion

| | | |
|-----------------------|----------------------------|----------------------------|
| Hazardous | May occur | Conditions to avoid |
| Polymerization | Will not occur X | |

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VI. Health Hazard Data

| Routes of Entry | Inhalation | Skin | Ingestion | Eyes |
|-----------------|------------|------|-----------|------|
| | No | Yes | No | Yes |

Health Hazards

Direct contact of product with eyes can cause severe irritation, product can cause discomfort if taken internally. Because of Proteolytic Enzymes contact with Skin should be avoided.

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 sweepup 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

| Ventilation | Local Exhaust | Special |
|-----------------------|---------------|---------|
| Not normally required | | |

| Mechanical | Other |
|------------|-------|
| | |

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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