



Fabpro, Inc.

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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

Trade Name & Synonym		Chemical Family
Liquid Formula 95		Surfactant/detergent
Chemical Name & Synonym	Date prepared	Prepared by
Mixture	November 2002	Aziz Ullah Ph.D.

II. Ingredients

Water, Sodium Silicate, Biodegradable a surface active agents, Chelating agents, corrosion inhibitors

III. Physical Properties

Boiling Point	Specific Gravity (Water=1)
Approx. 212°F	1.1
Vapor Pressure (mm Hg.)	Melting Point
ND	Below 32°F
Vapor Density (AIR=1)	Evaporation Rate (Butyl Acetate=1)
>1	>1
Solubility in Water	Appearance and odor
Soluble	Clear yellow liquid with fresh apple odor
pH (Liquid as is)	
12.5-13.2 (10.5-11.5 with 320:1 dilution)	

IV. Fire and Explosion Hazard Data

Flash Point (TOC)	Flammable Limits	LEL	UEL
Over 200°F	NA		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

Acids	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	No	Yes	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.(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

Monogoggles suggested

Other Protective Clothing or Equipment

NA

Work/Hygienic Practices

Wash after handling Keep out of reach of children

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