



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 Hard Surface Cleaner		Chemical Family Surfactant/detergent
Chemical Name & Synonym Mixture	Date prepared June 1993	Prepared by Aziz Ullah Ph.D.

II. Ingredients

Water, Sodium Silicate, Glycol Ethers 2-8%, Biodegradable anionic and non-ionic surfactants

III. Physical Properties

Boiling Point Approx. 212°F	Specific Gravity (Water=1) About 0.95
Vapor Pressure (mm Hg.) ND	Melting Point ND
Vapor Density (AIR=1) > 1	Evaporation Rate (Butyl Acetate=1) >1
Solubility in Water Complete	Appearance and odor Greenish yellow liquid with low solvent odor
pH (Liquid as is) 13.0-13.5	

IV. Fire and Explosion Hazard Data

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

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
	Yes	Yes	No	Yes

Health Hazards

Due to high pH and presence of glycol ethers, there is possibility of corrosive damage to eyes or internal Organs-if ingested

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

For small spills flush with water, for larger spills take up in absorbent material 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
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Not normally required

Mechanical

Other

Protective Gloves

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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