

**FABPRO INC.**

3000 E. Preston Street  
 Baltimore, Maryland 21213  
 Telephone (410) 325-5040

**HAZARD RATING HMIS**

Health=1, Flammability = 2, 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>
Heavy Duty Pre-Spray & Spotter Plus		Surfactant/Biodegradable solvents
<b>Chemical Name &amp; Synonym</b>	<b>Date prepared</b>	<b>Prepared by</b>
Mixture	June 1995	Aziz Ullah Ph.D.

**II. Ingredients**

Water, Glycol Ethers, Citrus Solvents, Surfactants, Sequestering Agents

**III. Physical Properties**

<b>Boiling Point</b>	<b>Specific Gravity (Water=1)</b>
<212°F	1.025
<b>Vapor Pressure (mm Hg.)</b>	<b>Melting Point</b>
ND	ND < 32°F
<b>Vapor Density (AIR=1)</b>	<b>Evaporation Rate (Butyl Acetate=1)</b>
>1	>1
<b>Solubility in Water</b>	<b>Appearance and odor</b>
Soluble (forms white emulsion)	Light yellow liquid with citrus/solvent odor
<b>pH (Liquid as is)</b>	
6.0-8.0	

**IV. Fire and Explosion Hazard Data**

<b>Flash Point (TOC)</b>	<b>Flammable Limits</b>	<b>LEL</b>	<b>UEL</b>
170°F (Combustible in undiluted form)	ND		ND

**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)**

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>
	Will not occur	
	X	

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VI. Health Hazard Data

Routes of Entry	Inhalation	Skin	Ingestion	Eyes
	Yes	No	Yes	yes

Health Hazards

Direct contact of product with eyes can cause irritation, prolonged or repeated contact with skin may irritate

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 flush down sewer if permitted by Federal, State or local regulations.

Waste Disposal Method

Check with federal state or local regulations. Waste may be discharged into sanitary sewer waste if regulations permit, non-hazardous waste

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

Air circulation. If unavailable use Respirator

Ventilation	Local Exhaust	X	Special
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Provide ventilation

Mechanical	X	Other
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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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