



**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> Acetic Acid 7%		<b>Chemical Family</b> Organic Acid
<b>Chemical Name &amp; Synonym</b> Mixture	<b>Date prepared</b> August 1995	<b>Prepared by</b> Aziz Ullah Ph.D.

**II. Ingredients**

Water, Acetic Acid

**III. Physical Properties**

**Boiling Point**

Approx. 212°F

**Specific Gravity (Water=1)**

1.0

**Vapor Pressure (mm Hg.)**

ND

**Melting Point**

Below 32°F

**Vapor Density (AIR=1)**

>1

**Evaporation Rate (Butyl Acetate=1)**

>1

**Solubility in Water**

Soluble

**Appearance and odor**

Clear liquid vinegar odor

**pH (Liquid as is )**

1.0-3.0

**IV. Fire and Explosion Hazard Data**

**Flash Point (TOC)**

Over 200°F

**Flammable Limits**

NA

**LEL**

**UEL**

NA

**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**

**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	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
<u>Not normally required</u>		

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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