

**FABPRO INC.**

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**FAB-034****HAZARD RATING HMIS**

Health=2, Flammability= 0, Reactivity= 1

(Index 4=ver high, 3=high, 2=moderate  
 1=slight, 0=insignificant)

**Material Safety Data Sheet****I.General Information**

<b>Trade Name &amp; Synonym</b> Reducing agent		<b>Chemical Family</b> Bisulfites	
<b>Chemical Name &amp; Synonym</b> Mixture	<b>Date prepared</b> July 1995	<b>Prepared by</b> Aziz Ullah Ph.D.	

**II.Ingredients**

sodium bisulfite anhydrous

**III.Physical Properties**

<b>Boiling Point</b> N/A	<b>Specific Gravity(Water=1)</b> 1.48
<b>Vapor Pressure(mm Hg.)</b> ND	<b>Melting Point</b> decomposes
<b>Vapor Density(AIR=1)</b> >1	<b>Evaporation Rate (Butyl Acetate=1)</b> >1
<b>Solubility in Water</b> Soluble	<b>Appearance and odor</b> white powder/pungentodor
<b>pH 1% solution</b> 3.4-4.5	

**IV. Fire and Explosion Hazard Data**

<b>Flash Point (TOC)</b> ND	<b>Flammable Limits</b> ND	<b>LEL</b> ND	<b>UEL</b> ND
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**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>	Unstable X	<b>Conditions to avoid</b> High temperatures
	Stable	

**Incompatibility (Materials to avoid)**

oxidizing agents

**Hazard Decomposition or Byproducts**

Sulfur Dioxide

<b>Hazardous</b>	May occur	<b>Conditions to avoid</b>
<b>Polymerization</b>	Will not occur X	

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**VI. Health Hazard Data**

<b>Routes of Entry</b>	<b>Inhalation</b>	<b>Skin</b>	<b>Ingestion</b>	<b>Eyes</b>
	<u>Yes</u>	<u>No</u>	<u>Yes</u>	<u>Yes</u>

**Health Hazards**

Irritating to eyes nose and throat, Some Asthmatics may show hypersensitivity and should be excluded from exposure

**Signs and Symptoms of Exposure**

Irritation discomfort

**Medical Conditions Aggravated by Exposure**

Asthma

**Emergency and First Aid Procedures**

Move to fresh air. If contacted 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**

Store in a cool place, Avoid breathing vapor keep away from eyes and repeated or prolonged contact with skin

**Other Precautions**

NA

**VIII. Control Measures**

**Respiratory Protection**

**Ventilation**

Ventilation

Local Exhaust

Special

Provide ventilation

Mechanical

X

Other

**Protective Gloves**

For repeated contact impermeable gloves suggested

**Eye Protection**

Monogoggles suggested

**Other Protective Clothing or Equipment**

Avoid breathing vapor TLV/TWA(ACGIH) 5ppm

**Work/Hygienic Practices**

Wash after handling Keep out of reach of children

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