MATERIAL SAFETY DATA SHEET
Emergency Telephone (414) 332-8440

Alliance Group Inc. Address: 600 East Keefe Avenue
City: Milwaukee State: Wisconsin Zip: 53212
Product name: Spectrum BIO-173
Product code: 0173

Section II - Hazardous Ingredient

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical Component</th>
<th>%</th>
<th>TLV (ppm)</th>
<th>Hazard Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>Ethyl Alcohol denatured</td>
<td></td>
<td>1000 ppm</td>
<td>PEL</td>
</tr>
</tbody>
</table>

Section III - Physical Data

Solid: Liquid: X
Specific Gravity: 0.98
Solubility in water: Complete
% Volatiles: 50%
Vapor Density: Estimated heavier than air
Appearance: clear
Odor: slight alcohol odor
Freezing Point: 32°F
pH: 7-8

Section IV - Fire and Explosive Data

Flash Point: >200°F (Pensky Martens closed cup)
Flammable Limits: unknown
Extinguishing Media: CO₂, water fog, dry chemical, foam. Class BC, ABC fire extinguishers
Special Fire Hazards and Equipment Required: Firefighters should use self-contained breathing apparatus and impervious clothing.

Section V - Reactive Hazards

Product
Stable: No Yes X
Hazardous will not
Polymerization: occur

Conditions to avoid: high temperatures
Incompatability: Anionic surfactants, strong oxidizing agents
Hazardous Decomposition Products: nitrous oxides and ammoniacal vapors.

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Section VI - Health Hazards

Flës: Severe irritant and will cause chemical burns

Skin: Strong irritant

Ingestion: Swallowing may result in toxic effects. Consult a physician immediately

Inhalation: Prolonged inhalation results in dizziness

Principal Routes of Exposure: Topical

Acute effects of Overexposure: See above

Chronic Effects of Overexposure and Medical Conditions Aggravated by Overexposure to this product have not been established.

Product not listed as a carcinogen or potential carcinogen by National Toxicology Program, I.A.R.C.Monographs or O.S.H.A.

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First Aid Procedure - Never give fluids or induce vomiting if patient is unconscious or having convulsions. CALL A PHYSICIAN

Flush: IMMEDIATELY flush with plenty of cool water for at least 15 minutes. Seek immediate medical attention.

Skin: Flush with plenty of water. Wash contaminated clothing before re-use.

Ingestion: Consult a physician immediately.

Inhalation: Remove to fresh air; obtain immediate medical attention. If breathing is labored, administer oxygen if available.

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Section VII - Normal Handling Procedures

Precautions to be taken in Handling and Storage: Keep container tightly closed when not in use. Store in a cool, dry, secure place away from open flames.

Protective Equipment:
Eyes: Face shield and chemical goggles
Gloves: Rubber
Other: Rubber apron, gauntlets, eye wash, safety shower
Ventilation Requirements: Local ventilation exhaust
Corrosive Action on Materials: Mild

Section VIII - Spill or Leak Control Procedures

Steps to be taken in case of spills: Use protective gear (Sec VII) Stop flow, eliminate sources of ignition. Contains spill on absorbant medium. Collect contaminated medium in labeled approved drums for disposal. Flush area with plenty of water.

Waste disposal methods: Contact local environmental authorities.

The above information is believed to be accurate and discloses the known hazards for this product as of this date. No additional warranties are made.

Date: January 9, 1991   By: D.C. Miller