SECTION 1 - IDENTITY

Common Names (Used on Label): Sed-Fix Concentrate, Sed-Fix Working, Sprayfix, Cytology Fixative, Cytojar

Chemical Name: Mixture
Chemical Family: Mixture
Formula: Mixture

SECTION 2 - HAZARDOUS INGREDIENTS

Principal Hazardous Component(s) (Chemical & Common Names)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS#</th>
<th>%</th>
<th>Permissible Exposure Limits (OSHA)</th>
<th>Threshold Limit Value (ACGIH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol, 95%</td>
<td>64-175</td>
<td>N/A</td>
<td>1000 ppm</td>
<td>N/A</td>
</tr>
<tr>
<td>Polyethylene Glycol</td>
<td>25322-683</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Toluidine Blue #1 (Cytojar, Sed-Fix, Working)</td>
<td>92-319</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Methanol (denaturant)</td>
<td>67-561</td>
<td>&lt; 5</td>
<td>200 ppm</td>
<td>250 STEL</td>
</tr>
<tr>
<td>Isopropyl Alcohol (denaturant)</td>
<td>67-630</td>
<td>&lt; 10</td>
<td>400 ppm</td>
<td>500 STEL</td>
</tr>
</tbody>
</table>

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Point: 169 - 180°F
Specific Gravity: (H2O = 1) Unknown
Vapor Pressure: (mm Hg) Ca 34 @ 68°F
Percent Volatile by Volume (%): 100
Vapor Density: (Air = 1) ca 1.5
Evaporation Rate: (Butyl acetate = 1) ca 1.4
Solubility in Water: Complete
Reactivity in Water: Non-reactive
Appearance and Odor: Clear, colorless liquid, alcohol odor.
Flash Point: 59°F
Flammable Limits in Air % by Volume: Lower... 3.3 Upper... 19.0
Extinguisher Media: Alcohol foam, CO2 Dry Chemicals
Auto-Ignition Temperature: 685°F

Special Fire Fighting Procedures:
Cool. Exposed containers with water. Use self-contained NIOSH approved breathing apparatus.

Unusual Fire and Explosion Hazards:
None. Handle as a flammable liquid.
SECTION 4 - PHYSICAL HAZARDS

Stability: Stable
Conditions to Avoid:
- Heat, sparks, open flames

Incompatibility (Materials to Avoid):
- Strong Oxidizing Agents

Hazardous Decomposition Product:
- CO from incomplete combustion

Hazardous Polymerization Will Not Occur

Conditions to Avoid:
- See above, this section

SECTION 5 - HEALTH HAZARDS

Emergency and First Aid Procedures:
1. Inhalation: If breathing is affected, remove victim to fresh air and provide O2 if necessary. Get medical attention.
2. Eyes: Flush with water for 15 minutes. Get medical attention.

Signs and Symptoms of Exposure:
1. Acute Overexposure: May cause irritation to eyes, nose, throat, and headache.
2. Chronic Overexposure: Loss of appetite, inability to concentrate

Medical Conditions Generally Aggravated by Exposure:
- Unknown

Chemical Listed as a Carcinogen or Potential Carcinogen: Isopropanol

<table>
<thead>
<tr>
<th>National Toxicological Program</th>
<th>I.A.R.C. Monographs</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>Yes</td>
<td>None</td>
</tr>
</tbody>
</table>

I.A.R.C. considers Group 3 substances as not classifiable as to carcinogenicity to humans.
SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type):
Use NIOSH approved breathing apparatus to prevent over exposure if vapor levels exceed TLV.

Ventilation: Recommended
Local Exhaust: Recommended
Mechanical (General): In confined areas.
Special: Not normally required
Other: Unknown

Protective Gloves: Plastic or rubber
Eye Protection: Goggles

Other Protective Clothing or Equipment:
Eye bath, safety shower

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

This product contains the following toxic chemicals subject to SARA Title III reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<table>
<thead>
<tr>
<th>CAS#</th>
<th>CHEMICAL NAME</th>
<th>% BY WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1</td>
<td>Methyl Alcohol</td>
<td>&lt;5</td>
</tr>
<tr>
<td>67-63-0</td>
<td>Isopropyl Alcohol</td>
<td>&lt;10</td>
</tr>
</tbody>
</table>

Precautions to be Taken in Handling and Storage:
Store at room temperature (70 F) away from heat, sparks, open flames.

Other Precautions:
None. Handle as flammable liquid

Steps to be Taken in Case Material is Released or Spilled:
Eliminate all ignition sources. Wear approved respirator. Dike and remove liquid in approved salvage container.

Waste Disposal Methods:
Remove to approved hazardous waste facility in accordance with local, state and federal regulations.

The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. Surgipath Medical Industries, Inc. provides no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your information, consideration and investigation. You should satisfy yourself that you have all current data relevant to your particular use. Surgipath Medical Industries, Inc. knows of no medical condition, other than those noted on this material safety data sheet, which are generally recognized as being aggravated by exposure to this product.