MATERIAL SAFETY DATA SHEET

Section I: IDENTIFICATION

Product Name: 0.1% Phloxine WBC Solution
Date Prepared: 02/25/08
Item Number(s): 5360
Emergency Phone: 800-424-9300

Section II: COMPOSITION

<table>
<thead>
<tr>
<th>Component(s):</th>
<th>CAS Number</th>
<th>OHSA PEL, ACGIH TLV/STEL</th>
<th>NFPA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Health</td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td>~50%</td>
<td>57-55-6</td>
<td>NE</td>
</tr>
<tr>
<td>DI Water</td>
<td>50%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phloxine B</td>
<td>&lt;1%</td>
<td>18472-87-2</td>
<td></td>
</tr>
</tbody>
</table>

Section III: PHYSICAL DATA

Boiling Point: > 212°F
Specific Gravity (H2O = 1): >1
Vapor Pressure mm Hg/20 °C: NE
Percent Volatile by Vol: 14
Vapor Density (Air 1:1): 2.6
Evaporation Rate (ether = 1): >1
Solubility in H2O: Complete
Appearance & Odor: Orange liquid, slight odor

Section IV: FIRE/EXPLOSION HAZARD

Flash Point: Non-Flammable
Flammable Limits: LEL: NA  UEL: NA
Extinguishing Media: Water spray, dry chemical, CO2 and foam
Special Fire Fighting Procedures: Wear protective clothing with NIOSH approved breathing apparatus. Products of combustion may be harmful in a fire situation. Do not use direct water stream.
Unusual Fire & Explosion Hazards: None known

Section V: REACTIVITY

Stability: Stable
Material to Avoid: NE
Hazardous Decomposition or Byproducts: Oxides of carbon, aldehydes and ketones
Hazardous Polymerization: Does not occur
Conditions to Avoid: Normal laboratory care

Section VI: HEALTH HAZARDS

Routes of Entry: Inhalation, Skin and Ingestion
Target Organs: Respiratory system
Acute/Chronic: Product is not expected to cause health hazards when utilizing good laboratory practices.
Carcinogenicity: Not classified as a human carcinogen.
Signs/Symptoms of Exposure: Vision blurring, drowsiness, headache, respiratory irritation and allergic reaction
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Section VI: HEALTH HAZARDS

Emergency First Aid:

Skin: Remove contaminated clothing. Wash affected area with soap and water.

Eyes: Thoroughly flush eyes with water. Contact a physician if irritation persists.

Ingestion: Rinse mouth thoroughly with water, provided person is conscious and contact a physician.

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration and contact physician.

Section VII: SAFE HANDLING

Chemical Release or Spill: Isolate the spill area with sand, or other absorbent material. Place all contaminated material in closed container for proper disposal.

Waste Disposal Method: All liquid and or contaminated material should be disposed of in DOT approved waste containers. Comply with all Federal, State and Local regulations for disposal.

Precautions for Handling and Storing: Normal Laboratory Care

Section VIII: CONTROL MEASURES

Respiratory Protection: Not normally required.

Ventilation: Mechanical or General exhaust is sufficient

Protective Gloves: Chemical resistant  Eye Protection: Safety glasses

Other Protective Clothing or Equipment: Normal laboratory apparel suggested by Good Laboratory Practices

Work/Hygienic Practices: Wash thoroughly with soap and water after handling.

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Astraldiagnostics shall not be held liable for any damage resulting from handling or contact with this product.