Section 1. Chemical Product and Company Identification

Item Number: s2240-1
Common Name: Rapid Fixative
Chemical Name(s): Glacial Acetic Acid, Formaldehyde
Chemical Family: Aldehyde; Aliphatic; Alcohol; Carboxylic Acid
Chemical Formula: Mixture

Section 2. Composition Information

<table>
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<tr>
<th>Component</th>
<th>CAS#</th>
<th>PEL(mg/m³)</th>
<th>STEL(mg/m³)</th>
<th>CEIL(mg/m³)</th>
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<tbody>
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<td>Glacial Acetic Acid</td>
<td>64-19-7</td>
<td>15.00</td>
<td>10.00</td>
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<tr>
<td>Formaldehyde</td>
<td>67-63-0</td>
<td>1,225.00</td>
<td>980.00</td>
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</table>

Section 3. Hazards Identification

Potential Acute Health Effects: Hazardous in case of inhalation, eye contact, skin contact, ingestion

Potential Chronic Health Effects: Formaldehyde: OSHA Carcinogen; IARC Code 3; NTP Code 2;

Section 4. First Aid Measures

Eye Contact: Check for and remove contact lenses. Wash with large amounts of water for 15 minutes. Seek medical attention
Skin Contact: Remove contaminated clothing and shoes. Wash the affected area with large with soap and water. Seek medical attention
Ingestion: Give two glasses of water to a conscious victim. Do not induce vomiting. Seek medical attention
Inhalation: Move person to fresh air. If necessary give CPR; warning this could pose a risk of exposure to the rescue breather. Seek medical attention

Section 5. Fire and Explosion Data

Flash Point (F) TCC: NA
Lower Flammability Limit (%): NA
Upper Flammability Limit (%): NA
Extinguishing Media: Use Dry Chemical, Water Spray, Fog, Carbon Dioxide, Alcoholic Foam
Special Fire and Explosion Remarks: NA

Section 6. Accidental Release Measures

Spill Cleanup and Disposal Special: Danger! Flammable! Eliminate ignition sources. Ventilate area. Use water spray to disperse vapors. Contain spill. Pick up with:
Spill Cleanup: Take up spills with absorbent material and containerize for proper disposal

Section 7. Handling and Storage

Storage and Handling Special: NA
Storage and handling: Keep container tightly closed. Store in a cool, dry area and protect from physical damage

Section 8. Exposure Controls/Personal Protection

Personal Protective Equipment: Safety Glasses, Gloves, Vapor Respirator
This information is provided as a guide but proper PPE can only be determined by the end user and their situation.
Engineering Controls: Provide local exhaust ventilation to keep the airborne concentrations of vapors below their respective threshold limit values. Ensure that eyewash stations and safety showers are local to the work-station.

Section 9. Physical and Chemical Properties

Note: NA
Appearance: clear, colorless
Odor: Pungent, Suffocating
pH: NA
Specific Gravity (@20°C): 1.047
Vapor Pressure (mm Hg): 152
Vapor Density (Air=1): 0.83
Volatile Percent: 100
Water Soluble?: Yes

Section 10. Stability and Reactivity

Special Remarks on Stability: Stable
Special Remarks on Reactivity: NA
Water Reactive: No
Section 11. Toxicological Information

Routes of Entry: Inhalation, Ingestion, Absorption

Animal Toxicity: Glacial Acetic Acid: Acute Oral (LD50) 3310 mg/kg (Rat) Acute Dermal (LD50) 1.06 gm/kg (Rabbit); Formaldehyde: Acute Oral

Human Toxic Effects: Target Organs: Lungs, Mucous Membranes, Upper respiratory Tract, Skin, Eyes, Teeth

Section 12. Ecological Information

Ecological Information: N/A

Section 13. Disposal Considerations

Waste Disposal: Dispose of in accordance with local, state and federal laws.

Section 14. Transport Information

DOT Identification: UN1993; Flammable liquids, n.o.s. (Methanol); 3; III

Section 15. Regulatory Information

State Regulations: New York release reporting list: Formaldehyde, Acetic Acid

Sara Section 311 Reporting

<table>
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<th>Fire</th>
<th>Pressure</th>
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</tr>
<tr>
<td>Formaldehyde</td>
<td>67-63-0</td>
<td>No</td>
<td>No</td>
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<td>No</td>
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</tbody>
</table>

Section 16. Other Information

Review Date: 5/31/2013
Reviewed by: tsc
MSDS Group Id: 330

Notice: This SDS applies only to the material as packaged. If the material is altered by any means it may pose risks not mentioned here. It is the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on reliable technical data, Poly Scientific R&D Corp. assumes no responsibility for the completeness or accuracy of the information contained herein.