Reviewed October 2011

Section 1. Identity

Product Name: **SAF (Sodium Acetate Formalin)**

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<tr>
<th>Cat#</th>
<th>Description</th>
<th>SDL Prod ID</th>
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<tr>
<td>6060</td>
<td>SAF Vials 24 vials/pkg</td>
<td>00737</td>
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<tr>
<td>6065-100</td>
<td>SAF Mini Vials 100vials/pkg</td>
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Manufacturer/Supplier: Scientific Device Laboratory, 411 Jarvis Avenue, Des Plaines, IL 60018
Phone 847-803-9495

Emergency Information: In case of a chemical emergency, spill, fire, exposure or accident contact Scientific Device Laboratory (847) 803-9495 or CHEMTREC 1-800-424-9300 or 703-527-3887

Section 2. Hazardous Ingredients/Identity Information

Components: The components are a 5% formalin CAS# 50-00-0 solution with Sodium acetate CAS# 127-09-3 and Acetic Acid CAS# 64-19-7.

Section 3. Physical/Chemical Characteristics

- Boiling Point: -95.9-99.4°C
- Specific Gravity: 1.109 @21°C
- Vapor Pressure (mmHg): 19mmHg
- Vapor Density (AIR=1): 1.1
- Flash point: 85°C
- Evaporation Rate: vd>1
- Solubility in H₂O: soluble
- Appearance: clear
- Odor: none

Section 4. Fire and Explosion Hazard Data

- Flash point: 85°C
- Flammable limits: N/A
- LEL/UEL: N/A
- Extinguishing medium: N/A
- Special Fire Fighting Procedures: wear self contained breathing apparatus and protective clothing
- Unusual Fire and Explosion Hazards: can be combustible

Section 5. Reactivity Data

- Stability: stable
- Condition to avoid: swallowing and strong acids and bases
- Reagent incompatibility: strong acids and bases, strong oxidizing agents
- Hazardous decomposition or By-products: none known
- Hazardous polymerization: occurs
Conditions to avoid: strong acid, base and oxidizers

Section 6. Health Hazard Data

Routes of entry: Ingestion: none Inhalation: none Skin: none
Ingestion: avoid ingestion
Health Hazards: can cause pulmonary edema, may be a carcinogen
Carcinogenicity: in rats 100mg/kg
Signs and symptoms of exposure: none
Medical conditions aggravated by exposure: any type of pulmonary distress
Emergency First Aid Procedures: skin contact: wash hands or contact area for 15 minutes with soap and water. Respiratory: Wash with water.

Section 7. Precautions for Safe Handling and Use

Steps to be taken if material is spilled: clean with cloth
Waste Disposal Method: disposal by certified carrier
Precautions to be taken in Handling and Storage: store at room temperature
Other Precautions: wear appropriate safety clothing

Section 8. Control Measures

Respiratory Protection: none
Ventilation: respiratory mask suggested
Protective Gloves: chemical resistant gloves
Protective Clothing: Chemical resistant
Work/Hygiene Practices: good general microbiology techniques
Eye Protection: chemical safety goggles

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Revision History

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<th>CR NUMBER</th>
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