



## MATERIAL SAFETY DATA SHEET

### Section 1 – PRODUCT AND SAFETY SUPPLIER INFORMATION

Product Name: Blood fixative  
Common Name: Blood fixative  
Supplier: Armor Holdings Forensics, Inc.  
13386 International Parkway, Jacksonville, FL 32218  
Emergency Telephone: Chemtel® United States (800) 255-3924 International – 813-248-0585 (Collect)  
Date Prepared: 9/9/05

### Section 2 – HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>CAS#</u>	<u>Percent</u>	<u>PEL (OSHA) TLV (ACGIH)</u>
5-Sulfosalicylic acid	5965-83-3	2%	Not established

### Section 3 – PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odor: Colorless, odorless liquid  
Specific Gravity: 1 Stability in Water: Yes  
Boiling Point: 100°C Melting Point: 0° C  
Vapor Density: Not Determined  
Vapor Pressure (mmHg): 23 hPa  
Evaporation Rate: Not Determined  
Percent Volatile: 98%

### Section 4 – FIRE AND EXPLOSION DATA

Flash Point: Not determined UEL: Not determined LEL: Not determined  
Extinguishing Media: Water, foam CO<sub>2</sub>, powder  
Firefighting Procedures: Not combustible. Development of hazardous combustion gases (SO<sub>2</sub>, SO<sub>3</sub>) or vapors possible in the event of fire. Do not stay in dangerous zone without self-contained breathing apparatus. Contain escaping vapors with water. Prevent fire-fighting water from entering surface water or groundwater.  
Unusual Fire and Explosion Hazards: None

### Section 5 – REACTIVITY DATA

Stability: Yes Hazardous Polymerization: Will not occur  
Incompatibilities: Not determined  
Hazardous Decomposition Products: In the event of fire, see Section 4

**Section 6 – HEALTH HAZARD INFORMATION**

Health Hazards: Irritant

Routes of Entry and First-Aid Procedures:

Eyes: Hold the eyelids wide open and rinse thoroughly with warm water for 10 minutes.

Contact an ophthalmologist.

Inhalation: Move the individual to fresh air. In case of respiratory problems, seek medical advice.

Skin: Wash with soap and water. Remove contaminated clothing

Ingestion: Drink plenty of water. Consult a doctor if feeling unwell.

Signs and Symptoms of Exposure: No data available

Medical Conditions Aggravated by Exposure: No data available

**Section 7 – EXPOSURE CONTROLS**

Respirator Protection: Wear filter masks when vapors or aerosols are generated

Ventilation: Sufficient to keep below exposure limits

Protective Gloves: Impervious Rubber      Eye Protection: Tight fitting safety glasses

Other Protective Equipment: Appropriate clothing to prevent skin exposure

Work and Hygienic Practices: Use good laboratory practices

**Section 8 – SPILL OR LEAK PROCEDURES**

Steps to be taken if material is spilled or released: Do not allow to enter sewage system.

Take up with liquid-absorbent material. Forward for disposal. Clean up affected area with water.

**Section 9 – PRECAUTIONS FOR SAFE HANDLING AND USE**

Special Precautions: No special precautions necessary

Storage Method: Keep in a tightly closed container

**Section 10 – TOXICOLOGICAL DATA**

Carcinogenicity:

NPT: No

OSHA: No

IARC: No

Acute Inhalation LC50: Not established

Acute Dermal LD50: Not established

Acute Oral LD50: 2450 mg/kg

**Section 11 – ECOLOGICAL DATA**

Ecotoxic effects: No data available

Biological effects: Harmful due to pH-shift. Highly bioaccumulative

Further ecological data: Do not allow to enter waters, waste water or soil



# **ARMOR FORENSICS**

## **Section 12 – TRANSPORTATION IDENTIFICATION**

Proper Shipping Name: Not applicable

Identification Number: N/A

Hazard Class: N/A

Packing Group: N/A