

**Material Safety Data Sheet # 1430**

**IDENTITY** (As Used on Label and List)

**Simulated Blood**

**Section I**

**Manufacturer's Name**

Ward's Natural Science Establishment  
Ward's Natural Science Establishment

**Emergency Telephone Number**

Chemtrec 800-424-9300

**Address** (Number, Street, City, State, and ZIP Code)

5100 West Henrietta Road  
Rochester, NY 14692-9012

**Telephone Number for Information**

800-962-2660

**Date Prepared**

August 12, 2004

**Signature of Preparer** (Optional)

**Section II - Hazardous Ingredients/Identify Information**

**Hazardous Components**

(Specify Chemical Identity, Common Name(s),  
CAS #, OSHA PEL, ACGIH TLV, Other Limits)

**CAS #**

**OSHA**

PEL

**ACGIH**

TLV

**Other**

Limits

**%**

Inorganic Salts (proprietary information)

10.10%

10.1%

<0.1%

**Boiling Point**

100C (210F)

**Specific Gravity (H<sub>2</sub>O = 1)**

**vapor pressure (mm Hg.)**

N/A

**melting point**

N/A

**vapor Density (AIR = 1)**

N/A

**Evaporation Rate**

n-butyl acetate = 1

N/A

**Section IV - Fire and Explosion Hazard**

N/A

N/A

N/A

N/A

**Extinguishing Media**

N/A

**Hazardous Fire and Explosive Hazards**

**Section V - Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	Excessive temperature and heat

**Incompatibility (Materials to Avoid)**

N/A

**Hazardous Decomposition or Byproducts**

Normal decomposition may produce carbon dioxide and/or carbon monoxide.

Will Not	X	N/A
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The Full Toxicological properties have not been thoroughly tested. This product may be harmful by injection. Eye or skin contact may cause irritation. Mr. Smith (Type A): LD50 Oral rat 264 mg/kg (in concentrated form). Mr. Jones (Type B): LD50 oral rat 2000 mg/kg (in concentrated form). Mr. Green (Type AD): LD50 oral rat 264 mg/kg (in concentrated form). MS Brown (Type O): N/A.

**Signs and Symptoms of Exposure**

Irritation of eyes and skin possible with contact.

**Medical Conditions Generally Aggravated by Exposure**

**Emergency and First Aid Procedures**

**Section VII - Precautions in Safe Handling and Use**

**Waste Disposal Method**

Discharge, treatment, and disposal may be subject to Federal, State/Provincial and local regulations.

**Precautions to be Taken in Handling and Storage**

Storage code, General, Storage method

For educational use only. Not for clinical or diagnostic use. To be used only with direct supervision of a qualified professional specifically trained in laboratory procedures.

Do not inject. Wash hands thoroughly with soap and water after used. Not for drug, food or household use.

Keep out of reach of children.

**Section VIII - Control Measures**

**Respiratory Protection** (Specify Type)

Not needed under normal laboratory conditions with adequate ventilation.

Ventilation	Local Exhaust	Special
	(Name required)	

**Other Protective Clothing or Equipment**

Wear eye protection and eyewash station in proximity (within 15 feet of work station).

**Work/Hygenic Practices**

Wear protective equipment. Wash hands thoroughly after use.

**FOR ADDITIONAL INFORMATION:**

Contact Ward's Safety Manager during business hours at (800) 962-2660.

NOTICE: Ward's expressly disclaims all express or implied warranties of merchantability and fitness for a

