

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

(Specific Chemical Identity, Common Name(s))

CAS #

OSHA

PEL

ACGIH

TLV

Other

Limits

%

Inorganic Salts (proprietary information)

10.100%

<0.1%

Boiling Point

100C (210F)

Specific Gravity (H₂O = 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 protective equipment. Wash hands thoroughly after use. An eye and/or 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

