

Material Safety Data Sheet

MSDS 2351

IDENTITY (As Used on Label and List)

Simulated Drip and Projected Blood

Section I

Manufacturer's Name

WARD'S NATURAL SCIENCE

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

5100 West Henrietta Road
Rochester, NY 14692

Emergency Telephone Number

24HR Assistance CHEMTREC: 1-800-424-9300

Telephone Number for Information

1-585-359-2502 (8am - 4:30pm EST)

Date Prepared

7/02/04

Signature of Preparer (Optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	% Optional
Benzoic Acid	65-85-0	Not Established	Not Established	LD50 2350mg/kg	0.125%
FD&C RED #40 food color	3844-45-9	Not Established	Not Established	None Recommended	<.1%
Corn Syrup	9005-25-0	Not Established	Not Established	None Recommended	20%
FD&C Blue Food color #1	25956-17-6	Not Established	Not Established	None Recommended	<.1%
Water	7732-18-5	Not Established	Not Established	None Recommended	79.9%

Section III - Physical/Chemical Characteristics

Bolling Point	212°F	Specific Gravity (H ₂ O = 1)	
Vapor Pressure (mm Hg.)	NA	Melting Point	NA
Vapor Density (AIR = 1)	>4	Evaporation Rate Butyl Acetate = 1	<1
Solubility in Water	Complete		
Appearance and Odor	Red liquid.		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
N/A	N/A	N/A	N/A
Extinguishing Media	Use water spray, dry chemical, CO2 or alcohol foam.		
Special Fire Fighting Procedures	Use best for surrounding fire		
Unusual Fire and Explosive Hazards	None specified.		

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

Thermal decomposition may produce carbon dioxide and or carbon monoxide

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	N/A

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
			yes

Health Hazards (Acute and Chronic)

SKIN: Prolonged contact is essentially non-irritating to the skin. **EYES:** Liquid and mist may irritate the eyes. **INHALATION:** No adverse effects expected or known. **INGESTION:** Swallowing large quantities may cause diarrhea, nausea and vomiting.

Carinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure

The full toxicological properties of this material have not been thoroughly investigated.

Medical Conditions Generally Aggravated by Exposure

None specified.

Emergency and First Aid Procedures

SKIN: Wash with soap and water. Get medical attention if irritation persists. **EYES:** Flush with water for 15 minutes lifting the upper and lower eyelids occasionally. Get medical attention. **INGESTION:** If conscious, drink no more than 2 glasses of water and induce vomiting. Keep head below hips while vomiting. Get medical attention.

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Absorb with vermiculite, paper towels or other absorbent material, place in suitable container.

Waste Disposal Method

Dispose of contaminated product and materials used in cleaning up spills or leaks in a suitable container. Consult appropriated federal, state and local regulatory agencies to ascertain proper disposal procedures.

Precautions to Be Taken in Handling and Storage

Store in a dry, cool area

Other Precautions

Section VIII – Control Measures

Respiratory Protection (Specify Type)

None should be required in normal laboratory use.

Ventilation	Local Exhaust	Special
	General room ventilation	
	Mechanical	Other

Protective Gloves	Latex or nitrile gloves	Eye Protection	Chemical safety goggles
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Other Protective Clothing or Equipment

Lab coat, eye wash station within 15 seconds of work station

Work/Hygienic Practices

Wash hands before eating, drinking, smoking, or using toilet facilities. Wash contaminated clothing before reuse.

FOR ADDITIONAL INFORMATION

Contact Ward's Safety Manager during business hours at (585) 359-2502

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