

MATERIAL SAFETY DATA SHEET

SIMULATED BLOOD, QUART/GALLON

**INSTRUCTIONAL USE ONLY. NOT
FOR HUMAN OR ANIMAL USE**



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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Demo Dose® Simulated Blood, Quart
Demo Dose® Simulated Blood, Gallon

Product Code(s): 11-81-5600-QT
11-81-5600-GAL

Recommended Use: Used exclusively as an educational resource for training purposes only.
Not to be injected or infused in humans or animals.

Date Prepared: 12/15/13
Revision: 0.1

SUPPLIER

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Product Description: 7-13 g (approx.) colored powder

Ingredients: Proprietary mixture developed by Pocket Nurse, Incorporated, and protected
as a Trade Secret

3. HAZARDS IDENTIFICATION

Emergency Overview:	Avoid contact with skin or eyes, or clothing: may cause staining of the skin and eye irritation. If accidentally ingested, may cause, gastric irritation. If accidentally inhaled, may cause irritation of nose, throat and lungs, may cause coughing.
Hazard Class:	Not regulated; non-hazardous.
Health Hazard: handling	No significant or adverse health hazards anticipated under normal storage and conditions. Eyes: may cause irritation, stinging, tearing, redness. Skin: exposure to small quantities is not expected to cause adverse health effects. Ingestion: gastrointestinal discomfort. Inhalation not anticipated but if occurs may cause nose, throat, lung discomfort,

4. FIRST AID MEASURES

Eyes:	Irrigate thoroughly with water (at least 15 minutes). Seek medical attention
Skin:	Wash thoroughly with soap and water for at least 15 minutes. Seek medical attention if irritation persists.
Ingestion:	No ingestion anticipated from normal handling. If ingested and person is conscious, drink plenty of fluids and seek medical attention. Never give fluids to an unconscious person.
Inhalation:	No inhalation anticipated with normal handling. If inhaled, remove to fresh air and seek medical attention.
Other:	After first aid, get appropriate medical attention

5. FIRE FIGHTING MEASURES

Extinguishing Media:	Use extinguishing media appropriate for surrounding fire
NFPA Rating:	Health: 0; Fire: 1; Reactivity: 0
Fire Fighting Procedures:	Normal precautions against smoke inhalation; do not enter any enclosed or confined space without wearing full protective clothing and Self-Contained Breathing Apparatus (SCBA) approved for firefighting
Flash Point and Method:	Not applicable – Non-combustible liquid
Flammable Limits:	Not applicable
Autoignition Temperature:	Not applicable

6. ACCIDENTAL RELEASE MEASURES

General:	Simulated Blood is stable at room temperature, under normal storage and handling conditions
Spill/Leak Procedures:	Contain spill with appropriate absorbent material and dispose according to local regulations.
Personal Precautions:	Wear appropriate Personal Protective Equipment (PPE) based on accidental spill: gloves; gown; goggles if indicated
Environmental Precautions:	Non-hazardous
Recovery:	Dispose of product in accordance with all applicable local, state, and federal regulations

7. HANDLING AND STORAGE

General Storage:	Store at room temperature. Check for cracks or dislodged caps before use. Do not freeze.
Handling:	Personal Protective Equipment: gloves; gown/lab coat; safety goggles are recommended.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION (NORMAL USE)

Occupational Exposure:	Avoid contact with eyes, skin, and clothing. Wear appropriate PPE
Engineering Measures:	Use local exhaust
PPE:	Respiratory – Normally not required Hand – gloves: latex and non-latex per policy Eye – safety goggles Clothing – gowns/lab coat; lab apron

9. PHYSICAL/CHEMICAL PROPERTIES

Appearance and odor:	red, granular powder
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10. STABILITY AND REACTIVITY

Stability:	Stable if stored at recommended conditions
Conditions to Avoid:	Will stain. Not for consumption. Not for use in humans or animals. To be used for education and training purposes only.
Hazardous Decomposition Products:	None known
Materials to Avoid:	Do not mix with other simulated products

11. TOXICOLOGICAL INFORMATION

Eye Effects:	Eye irritant
Skin:	No adverse effects anticipated; slight irritation in sensitive individuals
Ingestion:	No hazard anticipated incidental to normal simulated use
Inhalation:	No hazard anticipated incidental to normal simulated use
Acute:	See Section 3
Chronic:	None identified No evidence of carcinogenic, mutagenic, or teratogenic effects
Carcinogenicity:	Components not listed as carcinogens

12. ECOLOGICAL INFORMATION

Environmental:	Data not available
Ecotoxicological:	Data not yet available
Other:	None known

13. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with all applicable local, state, and federal regulations

14. TRANSPORTATION INFORMATION

Not regulated:	Not to be injected or infused in humans or animals
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ICAO/IAT/IMDG Class: Not regulated
U.S. DOT: Not regulated

15. REGULATORY INFORMATION

United States: SARA Title III (Superfund Amendments and Reauthorization Act)
Section 311 Hazard Categories (40 CFR 370) – None
Section 312 Threshold Planning Quantities (40 CFR 370): The threshold Planning Quantity (TPQ) of this product if treated as a mixture is 10,000 lbs. This product contains the following ingredients with a TPQ of less than 10,000 lbs. - None
Section 313 Reportable Ingredients (40 CFR 372) - This product does not contain any toxic chemicals subject to the reporting requirements of Section 313, Title III of SARA of 1986

TSCA TSCA Inventory (40 CFR 710, Subpart b) – Not Applicable

Canada: WHMIS (Workplace Hazardous Materials Information system) - Not a controlled product under WHMIS

General: Symbols - Not classified as hazardous
Risk Phrases - Not classified as hazardous
Safety Phrases - Not classified as hazardous
Supply Classification - Not regulated

16. OTHER INFORMATION

NFPA RATING:

HEALTH	= 0
FLAMMABILITY	= 1
REACTIVITY	= 0
SPECIAL	= NONE

NFPA Degree of Hazard Code: 4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

NFPA = National Fire Protection Association

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