

# MATERIAL SAFETY DATA SHEET

## SIMULATED BLOOD, QUART/GALLON



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

### 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

Pocket Nurse, Incorporated  
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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,

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### 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

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### 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

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## 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

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## 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.

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## 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

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## 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
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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

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## 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

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## 12. ECOLOGICAL INFORMATION

Environmental: Data not available

Ecotoxicological: Data not yet available

Other: None known

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## 13. DISPOSAL CONSIDERATIONS

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

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## 14. TRANSPORTATION INFORMATION

Not regulated: Not to be injected or infused in humans or animals

ICAO/IAT/IMDG Class: Not regulated

U.S. DOT: Not regulated

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## 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

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## 16. OTHER INFORMATION

<b>NFPA RATING:</b>	<b>HEALTH = 0</b>
	<b>FLAMMABILITY = 1</b>
	<b>REACTIVITY = 0</b>
	<b>SPECIAL = NONE</b>

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

NFPA = National Fire Protection Association

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