Material Safety Data Sheet

**Simulated Blood**

***train*4**REAL LLC

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Name: Stage Blood – 8oz, 1 Gallon

 Blood Paste – 1oz

 Blood Gel – 1 oz

Product Code(s): STB-30750 & STB-30500

 BP-40001

 BG-50001

Recommended Use: Used exclusively as an educational resource for training purposes only.

Date Prepared: 9/5/18

Revision: 1.0

**SUPPLIER CONTACT INFORMATION**

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**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Product Description: Simulated blood.

Ingredients: Syrup based, proprietary mixture, developed by train4REAL LLC and protected as a Trade Secret.

**3. HAZARDS IDENTIFICATION**

Emergency Overview: Avoid contact with eyes; may cause eye irritation .

Hazard Class: Not regulated; non-hazardous.

Health Hazard: No significant health hazard expected under normal storage and handling conditions

 Eyes: may cause irritation, stinging, tearing, redness

**4. FIRST AID MEASURES**

Eyes: Irrigate thoroughly with water (at least 15 minutes). Seek medical attention if irritation persists

Skin: None. Wash with soap and water

Ingestion: None

Inhalation: No inhalation anticipated with normal handling.

Other: After first aid, get appropriate medical attention

**5. FIRE FIGHTING MEASURES**

Extinguishing Media: N/A Use extinguishing media appropriate for surrounding fire

NFPA Rating: N/A

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: Stage Blood, Paste & Gel is stable at room temperature, under normal storage and handling conditions

Spill/Leak Procedures: Contain spill with appropriate absorbent material and dispose of into normal waste receptacle.

Personal Precautions: None

Environmental Precautions: None, Non-hazardous

Recovery: None. Safe to dispose of down any drain.

**7. HANDLING AND STORAGE**

General Storage: Store at room temperature. Keep container lid tight. Long exposure to air may cause slight drying of product

Handling: None. Non Toxic.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION (NORMAL USE)**

Occupational Exposure: None

Engineering Measures: None

PPE: Respiratory – Normally not required

 Hand – Normally not required

 Eye – Normally not required

 Clothing – Normally not required

**9. PHYSICAL/CHEMICAL PROPERTIES**

Appearance and odor: Deep Red/Brown. Low oder

**10. STABILITY AND REACTIVITY**

Stability: Stable if stored at recommended conditions

Conditions to Avoid: High heat

Hazardous Decomposition

Products: None known

Materials to Avoid: None known

**11. TOXICOLOGICAL INFORMATION**

Eye Effects: Eye irritant possible if splashed in eye

Skin: None

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: Water soluble, non toxic, non hazardous

Ecotoxicological: Data not yet available

Other: None known

**13. DISPOSAL CONSIDERATIONS**

Dispose of product in drain or landfill.

**14. TRANSPORTATION INFORMATION**

Not regulated: N/A

ICAO/IAT/IMDG Class: Not regulated

U.S. DOT: Not regulated

**15. REGULATORY INFORMATION**

United States: N/A

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

Canada: 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 = 0**

 **Reactivity = 0**

 **Special = 0**

NFPA Degree of Hazard Code: 4 = Extreme

 3 = High

 2 = Moderate

 1 = Slight

 0 = Insignificant

NFPA = National Fire Protection Association

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