



Date printed: 8/29/13

Date updated: 06/25/13

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SAFETY DATA SHEET

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Section 1 Product and Company Identification

Chemical Product or Sample Name: TrueClot™ Blood Simulant

CAS Number: Mixture

Synonyms: None

Recommended Use(s): Medical training; research and development

Company Information: Luna Innovations Incorporated
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Charlottesville, VA 22903

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Fax: (434) 972-9956

Section 2 Hazards Identification**EMERGENCY OVERVIEW****Hazardous Materials Identification System (HMIS III)****Physical state:** Liquid**HEALTH:** 0**Color:** Red**FLAMMABILITY:** 0**Odor:** None**PHYSICAL HAZARDS:** 0**Personal Protective Equipment:** See SDS Section 8.**Health Hazard
Signal Words /
Route of Entry:**

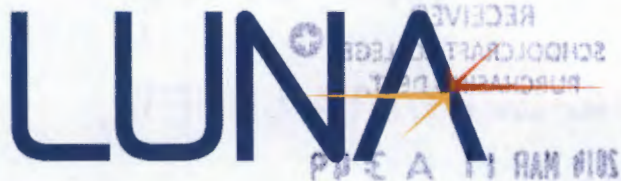
POSSIBLE SKIN AND EYE IRRITANT

**Other Hazards /
Comments:**

NONE

OSHA /HCS Status: This material is not considered to be hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

POTENTIAL HEALTH EFFECTS**Potential routes of entry:** Eyes, skin lesion.**Inhalation:** N/A**Skin Contact:** May cause skin irritation**Eye Contact:** May cause eye irritation**Ingestion:** Avoid ingestion, unknown effects.**Existing conditions
aggravated by exposure:** N/A

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See Section 11 for additional toxicological information

POTENTIAL ENVIRONMENTAL EFFECTS

Unknown

Section 3 Composition and Information on Ingredients

Nanomaterial or contains nanomaterials (engineered) with at least one dimension of <100 nm)? No

| Component(s) | CAS # | Vol % |
|----------------------|-------------|--------|
| Surfactant | Unavailable | 0.1-5% |
| Proprietary Polymer | Unavailable | 0.1-5% |
| Proprietary Pigments | Unavailable | 0.1-5% |
| Water | 7732-18-5 | 85-99% |

Section 4 First Aid Measures

Eye Contact: Rinse with water for 15 minutes, seek medical attention if irritation persists.
Skin Contact: Rinse with soap and water, seek medical attention if irritation persists.
Inhalation: N/A
Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Seek medical attention if symptoms appear.
Notes to physician: N/A

Section 5 Fire Fighting Measures

| | |
|---|--|
| See Section 9 for flammable properties. | |
| Special Fire Fighting Procedures: | None |
| Extinguishing media: | SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. |
| Protective Equipment: | None None |
| Unusual Fire or Explosion Hazards: | |
| Hazardous combustion products: | Unknown |

Section 6 Accidental Release Measures

Isolate the spill and deny entry to unnecessary and unprotected personnel.

Personal Protection: Wear PPE per Section 8.
Spill Procedures: Isolate spill and contain with absorbent materials.
Environmental Precautions and Cleanup Methods: Do not put down drain and see Section 13. Dispose of in accordance with federal and state waste regulations

Section 7 Handling and Storage

Precautions: None
Storage: None



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Section 16 Other Information

Research Notice: The information provided herein is for a research sample and represents the results of preliminary investigations. This research sample is for use by qualified research personnel only. It is offered in good faith, consistent with 29 CFR 1910.1200, recognizing that additional information, including data on hazardous properties, may be developed at a later time.

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