

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**TRADE NAME:** Synthetic Blood**PRODUCT ID:** CHE-1219**DATE:** 9 July 2015**SUPERSEDES DATE:** 1 January 2013**MANUFACTURER:** Tri Tech Forensics, Inc.**ADDRESS:** 4019 Executive Park Blvd.
Southport, NC 28461-8026
910-457-6600 www.tritechforensics.com

The public cannot use the chemical; trained professionals use the chemical only.

24/7 EMERGENCY PHONE: INFOTRAC 1-800-535-5053 or 1-352-323-3500**24/7 HEALTH EMERGENCIES:** 800-222-1222 National Poison Control Center.**SECTION 2 - HAZARDS IDENTIFICATION****GHS:** CONTAINS NO HAZARDOUS MATERIALS AS DEFINED IN 29 CFR 111910.1200 OR CFR TITLE 49**GHS SIGNAL WORD:** None**POTENTIAL HEALTH EFFECTS**

Avoid contact with eyes and skin. Keep out of reach of children.

The product may be harmful if it is inhaled or swallowed.

CODE OF HAZARD STATEMENTS:*General**Health Hazards*

H312-Harmful in contact with skin.

H319-Causes serious eye irritation.

*Environmental hazards***CODE OF PRECAUTIONARY STATEMENTS:***General*

P101-Keep out of reach of children.

P103-Read label before use.

Prevention statements

P202-Do not handle until all safety precautions have been read and precautions and understood.

P261-Avoid breathing fume/gas/mist/vapor spray.

P262-Do not get in eyes, on skin or on clothing.

P264-Wash thoroughly after handling.

P270-Do not eat, drink or smoke when using this product.

P280-Wear protective gloves/protective clothing/eye protection/face protection.

Response statements

P312-Call a POISON CENTER or doctor/physician if you feel unwell.

P331-DO NOT induce vomiting.

P340, Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P352, Wash with plenty of soap and water.

P362, Take off contaminated clothing and wash before reuse.

Storage

P403-Store in a well-ventilated area.

ROUTES OF ENTRY: Inhalation, Ingestion, Skin contact**CARCINOGENICITY:** None

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	EINECS #	%	REACH Reg. #
Synthetic Blood			100	

SECTION 4 - FIRST AID MEASURES

INHALATION: Remove to fresh air, if distress continues, administer oxygen and contact physician

EYE CONTACT: Flush with cool tap water for at least 15 minutes

SKIN CONTACT: Wash thoroughly with warm water and soap

INGESTION: Drink large amounts of water, rinse mouth with water

IN ALL CASES IF IRRITATION OR DISTRESS PERSISTS, CONTACT PHYSICIAN OR NEAREST POISON CONTROL CENTER

SECTION 5 - FIREFIGHTING MEASURES

FLASHPOINT AND METHOD: Non-combustible

FLAMMABLE LIMITS: LEL: N/A

UEL: N/A

EXTINGUISHING METHOD: N/A

FIRE OR EXPLOSION HAZARDS: N/A

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: For small spills, absorb on paper towels or other absorbent material

SECTION 7 - HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: Store and handle according to package and SDS directions. Store in cool, well-ventilated area.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Suggested when the potential of splashes or contact with the eyes or face is possible

SKIN PROTECTION: Suggested when contact with skin is possible

RESPIRATORY PROTECTION: Particulate mask recommended if splashes or spatter is anticipated

OCCUPATIONAL EXPOSURE LIMITS: OSHA PEL TWA;

ENGINEERING CONTROLS: Room ventilation is expected to be adequate except during spills or fires, however additional ventilation is recommended.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Color: Reddish-colored liquid

Odor: N/A

Evaporation rate: Low

Boiling point/boiling range: Approx. 212°F **Specific gravity:** >1

Solubility (water): Miscible **Vapor Density:** Undetermined

Volatile Organic Content: 90%+ **Vapor Pressure:** Undetermined

SECTION 10 - REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: High temperatures

INCOMPATIBLES: None known

DECOMPOSITION PRODUCTS: Toxic Fumes of carbon Monoxide, Carbon Dioxide, and Nitrogen Oxides under fire conditions.

SECTION 11 - TOXICOLOGICAL/ECOLOGICAL INFORMATION

Do not ingest, get in eyes, on skin, or on clothing. Wash thoroughly after handling.

The significant routes of exposure are eyes, skin, ingestion and inhalation.

SECTION 12 - DISPOSAL CONSIDERATIONS

SAFETY DATA SHEET

Synthetic Blood

WASTE DISPOSAL METHOD: Dispose of wastes in accordance with current Federal, State, and Local codes and guidelines.

SECTION 13 - TRANSPORTATION INFORMATION

Non-Hazardous

Not Regulated

Contains no hazardous materials as defined in 29 CFR 11910.1200 or CFR Title 49

SECTION 14 - REGULATORY INFORMATION

OSHA STATUS: None

TSCA STATUS: Not listed

CERCLA REPORTABLE QUANTITY: This product does not contain any component with a CERCLA RQ

CALIFORNIA PROPOSITION 65: Not listed

RCRA STATUS: None

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS: This product does not contain any component with a SARA 302 RQ

SECTION 313 TOXIC CHEMICALS: This product does not contain any toxic component

RIGHT TO KNOW: None

EUROPEAN COMMUNITY: None

WHMIS: None

SECTION 15 - OTHER INFORMATION/APPROVALS

National Fire Protection Association (NFPA)

Hazardous Materials Identification System (HMIS)

NFPA

HMIS

0 Least

0 Health

1 Slight

0

Health

0 Flammability 2 Moderate

0

Flammability

0 Instability 3 High

0

Reactivity

4 Severe

PPE

SECTION 16 - ABBREVIATIONS /DISCLAIMER

REASON FOR ISSUE: This is a new SDS that complies with GHS regulations (Section 2 pictograms) and REACH compliance (Section 3).

APPROVAL DATE: 28 July 2015

PREPARED BY: Neil Jacob

REVIEWED BY James Seidel

ABBREVIATIONS:

CAS # Chemical Abstract Service Number

°C Celsius temperature scale

Prop. Proprietary

TLV Threshold Limit Value

STEL Short-term Exposure Limit

OSHA Occupational Safety & Health

NFPA National Fire Protection Agency

NTP National Toxicology Program

RCRA Resource Conservation Recovery ACT

EC₅₀ Effective Dose

LD₅₀ Lethal Dose

LEL Lower explosive limit

NDA No Data Available

NE None established

EINECS European Inventory of existing Commercial Chemical Sales

°F Fahrenheit temperature scale

PE Personal Protective Equipment

TWA Time Weighted Average

PEL Permissible Exposure Limit

NIOSH National Institute of Safety & Health

WHMIS Workplace Hazardous Materials Information System

IARC Int. Agency for Research on Cancer

TSCA Toxic Substance Control Act

LC₅₀ Lethal Inhalation Concentration

CAS Chemical Abstract Service Number

UEL Upper explosive limit

ND Not determined

NA Not Applicable

SAFETY DATA SHEET

Synthetic Blood

≤	Less Than or Equal To	≥	Greater Than or Equal To
CNS	Central Nervous System	CI	China
DSL	Canada	ECL	Korean Existing Chemicals List
EEC	European Economic Commission	ENCS	Japanese Existing and New Chemical List
EU	European Union	MAC	Netherlands
MAK	Germany	MITI	Japan
PICCS	Philippines	SWISS	Giftliste 1
UK	United Kingdom	USA	United States
VOC	Volatile organic content		
ACGIH	American Conference of Government Industrial Hygienists		
SARA	Superfund Amendments and Reauthorization Act		
AICS	Australian Inventory of Chemical Substances		
IARC	International Agency for Research on Cancer		
Taiwan List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances Control Act of 1086			

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