

**Complement Technology, Inc.**  
4801 Troup Hwy, Suite 701  
Tyler, Texas 75703, USA

Product: **Hemolysin**  
Catalog #: **Hemolysin**  
Date: 04/01/2021

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## 1. PRODUCT AND COMPANY IDENTIFICATION

### 1.1 Product identifiers

Product name : **Hemolysin**  
Product Number : **Hemolysin**  
Brand : CompTech

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

### 1.3 Details of the supplier of the safety data sheet

Company : Complement Technology, Inc. , 4801 Troup Hwy, Tyler, TX 75703 USA  
Telephone: 1-903-581-8284                      Web: [www.ComplementTech.com](http://www.ComplementTech.com)

### 1.4 Emergency telephone number

Emergency Phone : 1-903-581-8284

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## 2. HAZARDS IDENTIFICATION

**2.1 Classification of the substance or mixture:** Not a hazardous substance or mixture.

**2.2 GHS Label elements, including precautionary statements:** Not a hazardous substance or mixture.

**2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none**

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Synonyms:** Hemolysin

### 3.2 Mixtures/Hazardous components

**Component:**

Glycerol	<b>CAS-No.</b> 56-81-5	<b>Concentration:</b> 50% in water
Dextrose	<b>CAS-No.</b> 492-62-6	<b>Concentration:</b>
Sodium Citrate	<b>CAS-No.</b> 6132-04-3	<b>Concentration:</b>
Sodium Chloride	<b>CAS-No.</b> 7647-14-5	<b>Concentration:</b>
Citric Acid	<b>CAS-No.</b> 77-92-9	<b>Concentration:</b>
PBS	<b>CAS-No.</b> unknown	<b>Concentration:</b>
Sodium Azide	<b>CAS-No.</b> 26628-22-8	<b>Concentration:</b> 0.9%

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## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

#### In case of skin contact

Wash off with soap and plenty of water.

#### In case of eye contact

Flush eyes with water as a precaution.

#### If swallowed

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Never give anything by mouth to an unconscious person. Rinse mouth with water.

#### **4.2 Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

no data available

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### **5. FIREFIGHTING MEASURES**

#### **5.1 Extinguishing media**

##### **Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### **5.2 Special hazards arising from the substance or mixture**

Nature of decomposition products not known.

#### **5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

#### **5.4 Further information:** no data available

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### **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid breathing vapours, mist or gas.

For personal protection see section 8.

#### **6.2 Environmental precautions**

Do not let product enter drains.

#### **6.3 Methods and materials for containment and cleaning up**

Keep in suitable, closed containers for disposal.

#### **6.4 Reference to other sections**

For disposal see section 13.

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### **7. HANDLING AND STORAGE**

#### **7.1 Precautions for safe handling** For precautions see section 2.2.

#### **7.2 Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry place.

#### **7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

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### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **8.1 Control parameters**

##### **Components with workplace control parameters**

Glycerol CAS-No. 56-81-5 Value: TWA

Control Parameters: 5 mg/m<sup>3</sup>

Basis: USA. OSHA – TABLE Z-1 Limits for Air Contaminants – 1910.1000

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Remarks: Upper Respiratory Tract Irritation

## 8.2 Exposure controls

**Appropriate engineering controls:** General industrial hygiene practice.

### Personal protective equipment

**Eye/face protection:** Use protective equipment for eyes.

**Skin protection:** Handle with gloves.

**Body Protection:** Wear impervious laboratory coat.

**Respiratory protection:** Respiratory protection not required.

**Control of environmental exposure:** Do not let product enter drains.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

- a) Appearance Form: Aqueous solution
- b) Odour: no data available
- c) Odour: Threshold no data available
- d) pH:  $8 \pm 0.1$
- e) Melting point/freezing point: no data available
- f) Initial boiling point and boiling range: no data available
- g) Flash point: not applicable
- h) Evaporation rate: no data available
- i) Flammability (solid, gas): not applicable
- j) Upper/lower flammability or explosive limits: no data available
- k) Vapour pressure: no data available
- l) Vapour density: no data available
- m) Relative density: no data available
- n) Water solubility: no data available
- o) Partition coefficient: n-octanol/water: no data available
- p) Auto-ignition temperature: no data available
- q) Decomposition temperature: no data available
- r) Viscosity: no data available
- s) Explosive properties: no explosion hazard
- t) Oxidizing properties: no data available

**9.2 Other safety information:** no data available

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## 10. STABILITY AND REACTIVITY

**10.1 Reactivity:** no data available

**10.2 Chemical stability:** Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions:** no data available

**10.4 Conditions to avoid:** no data available

**10.5 Incompatible materials:** Strong oxidizing agents

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**10.6 Hazardous decomposition products:** Carbon oxides. No other dangerous decomposition products known.

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

**Acute toxicity** no data available

**Inhalation:** no data available

**Dermal:** no data available

**Skin corrosion/irritation:** no data available

**Serious eye damage/eye irritation:** no data available

**Respiratory or skin sensitization:** no data available

**Germ cell mutagenicity:** no data available

#### **Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity:** no data available

**Specific target organ toxicity - single exposure:** no data available

**Specific target organ toxicity - repeated exposure:** no data available

**Aspiration hazard:** no data available

**Additional Information:** RTECS: Not available

Prolonged or repeated exposure can cause nausea, headache, vomiting.

Kidney – Irregularities – based on human evidence (Glycerol)

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## 12. ECOLOGICAL INFORMATION

**12.1 Toxicity:** no data available

**12.2 Persistence and degradability:** no data available

**12.3 Bioaccumulative potential:** no data available

**12.4 Mobility in soil:** no data available

**12.5 Results of PBT and vPvB assessment:**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**12.6 Other adverse effects:** no data available

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## 13. DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods**

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**Product:** Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging:** Dispose of as unused product.

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## 14. TRANSPORT INFORMATION

**DOT (US):** Not dangerous goods

**IMDG:** Not dangerous goods

**IATA:** Not dangerous goods

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## 15. REGULATORY INFORMATION

### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### SARA 311/312 Hazards

Chronic Health Hazard

### Massachusetts Right To Know Components

Glycerol CAS-No. 56-81-5 Revision Date: 2007-03-01

### Pennsylvania Right To Know Components

HBS (HEPES Buffered Saline) CAS-No.: None

Water CAS-No. 7732-18-5 Revision Date: None

Glycerol CAS-No. 56-81-5 Revision Date: 2007-03-01

### New Jersey Right To Know Components

PBS (Phosphate Buffered Saline) CAS-No.: None

Water CAS-No. 7732-18-5 Revision Date: None

Glycerol CAS-No. 56-81-5 Revision Date: 2007-03-01

### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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## 16. OTHER INFORMATION

### HMIS Rating

Health hazard: 0

Chronic Health Hazard: \*

Flammability: 0

Physical Hazard 0

### NFPA Rating

Health hazard: 0

Fire Hazard: 0

Reactivity Hazard: 0

# SAFETY DATA SHEET

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The information given above is believed to be correct but is not necessarily all inclusive and should be used only as a guide. Complement Technology, Inc. shall not be held liable for any damage resulting from the handling or from contact with this product.