

## Section 1 - Product and Company Information

**Product Name:** ChemiComp GT116

**Cat. Code:** gt116-11, gt116-21  
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## Section 2 - Composition/Information on Ingredient

**Substance Name:** Chemically competent *E.coli* cells

Ingredient	CAS No.	EC No.	Classification
Glycerol	56-81-5	200-289-5	
<i>E.coli</i> cells	N/A	N/A	

## Section 3 – Hazards Identification

**Emergency Overview:** OSHA Hazards Target Organ Effect. **Target Organ:** Kidney.

**HMIS Classification:** Health Hazard 0, Chronic Health Hazard \*, Flammability Hazard 1, Reactivity Hazard 0  
**NFPA Rating** Health Hazard 0, Fire 1, Reactivity Hazard 0

### Potential Health Effects

- **Eye contact:** May cause eye irritation.
- **Skin contact:** May cause skin irritation.
- **Skin absorption:** May be harmful if absorbed through the skin.
- **Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.
- **Ingestion:** May be harmful if swallowed.

## Section 4 – First Aid Measures

**General advice:** Consult a physician. Show this material safety data sheet to the doctor in attendance.

**After skin contact:** Immediately wash skin with soap and plenty of water. Consult a physician.

**After swallowing:** Never give anything by mouth to an unconscious person. Rinse mouth with water provided person is conscious. Consult a physician.

**After inhalation:** Remove to fresh air. If not breathing give artificial respiration. Consult a physician.

**After eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician.

## Section 5 – Fire Fighting Measures

**Extinguishing Media:** Water spray, carbon dioxide, dry chemical powder or appropriate foam.

**Special Firefighting Procedures:** N/A

**Flammability:** N/A

**Unusual Fire and Explosions Hazard (s):** N/A

**Flash point:** N/A

**Auto-ignition Temp:** N/A

## **Section 6 – Accidental Release Measures**

**Personal precautions:** Wear protective equipment. Keep unprotected persons away. Avoid dust formation.

**Method for cleaning up:** Absorb on sand or vermiculite and place in closed containers for disposal. Dispose contaminated material as waste according to section 13. Ventilate area and wash spill site after material clean-up is complete.

## **Section 7– Handling and Storage**

**Handling:** Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.

**User Exposure:** Avoid inhalation. Use personal protective equipment (i.e. impermeable gloves, lab coat or apron).

**Storage:** Keep tightly closed. Store at –80°C.

## **Section 8 – Exposure Controls / PPE**

**Engineering Measures:** Ensure adequate ventilation, especially in confined areas.

### **Personal Protective Equipment**

**Hand:** Protective gloves to prevent skin contact. **Eye:** Chemical safety goggles

**General Hygiene Measures:** Wash hands thoroughly after handling.

## **Section 9 – Physical / Chemical Properties**

**Physical State:** Liquid

## **Section 10 – Stability and Reactivity**

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Materials to avoid:** Strong oxidizing agents

**Hazardous Decomposition Products:** Decomposition products are not hazardous.

## **Section 11 – Toxicological Information**

### **Acute toxicity:**

LD50 Oral: N/A

LD50 Dermal: N/A

LD50 Inhalation: N/A

**Primary irritant effect:** N/A

**Sensitization:** N/A

**Target Organ:** Kidney

**Additional toxicological information:** N/A

## **Section 12 – Ecological Information**

**Ecotoxicity:** Data not yet available.

**Mobility:** Data not yet available.

**Biodegradation:** Data not yet available.

**Bioaccumulation:** Data not yet available.

### **Section 13 – Disposal Considerations**

**Product:** Observe all federal, state and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Must not be disposed of together with household garbage.

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

### **Section 14 – Transport Information**

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

**IATA:** Not dangerous goods.

**IMDG:** Not dangerous goods.

### **Section 15 – Regulatory Information**

**OSHA HAZARDS (US):** Target Organ Effect. **Target Organ:** Kidney.

#### **International Inventories**

Chemical Name	TSCA	PICCS	ENCS	DSL	NDSL	AICS
Glycerol	Listed	Listed	Listed	Listed	-	Listed

**SARA 302 Component:** None of the ingredients are listed.

**SARA 313 Component:** None of the ingredients are listed.

**SARA 311/312 Hazards:** Chronic health hazard.

#### **U.S. State Regulations**

Chemical Name	Massachusetts RTK	New Jersey RTK	Pennsylvania RTK
Glycerol	X	X	X

**California Proposition 65:** This product does not contain chemicals listed under Proposition 65.

**Labeling and risk phrase according to EU Directives:** The product does not need to be labeled in accordance with EC directives or respective national laws.

### **Section 16 – Other Information**

**Disclaimer:** All InvivoGen products are supplied for research and laboratory use only. Not for drug, household or other uses.

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