

## SECTION 1: Product and Company Identification

### Identification of the substance or mixture

**Product Name:** Goat  $\alpha$ -Human IgG, Horseradish peroxidase (HRP) Labeled (0.8mg/ml)  
**Catalog #:** 10024

### Company Identification

Cepharm Life Sciences Inc.  
11830 W Market Place, Suite K  
Fulton, MD 20759  
USA  
Toll Free: 1-800-257-1565  
Phone: 410-636-4954

**24-hour Emergency Response for Hazardous Materials [or Dangerous Goods] Incident, Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Toll Free: 1-800-424-9300/ +1 703-527-3887 CCN 1010970**

**For Research Use Only. Not for use in diagnostic procedures.**

## SECTION 2: Hazards identification

### **Classification of the substance or mixture**

**Classification of the substance or mixture**  
Not classified

### **GHS Label elements, including precautionary statements**

Not classified

### **Principle Routes of Exposure**

#### **Potential Health Effects**

**eyes** May cause eye irritation with susceptible persons.  
**Skin** May cause skin irritation in susceptible persons.  
**inhalation** May be harmful by inhalation.  
**Ingestion** May be harmful if swallowed.

### **Specific effects**

**Carcinogenic effects** None.  
**Mutagenic effects** None.  
**Reproductive toxicity** None.  
**Sensitization** None.  
**Target Organ Effects** No known effects under normal use conditions

### **HMIS**

Health: 0  
Flammability: 0  
Reactivity: 0

## SECTION 3: Composition / Information on Ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health.

## SECTION 4: First Aid Measures

### **Skin contact**

Rinse cautiously with water for several minutes. Immediate medical attention is not required.

**Eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

**Ingestion**

Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

**Inhalation**

Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.

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

Not Applicable

**Notes to Physician**

Treat symptomatically

**SECTION 5: Firefighting Measures****Suitable extinguishing media**

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

**Special protective equipment for firefighters**

Standard procedure for chemical fires.

**Specific hazards arising from the chemical**

Not known

**SECTION 6: Accidental Release Measures****Personal precautions**

Always wear recommended Personal Protective Equipment. Use personal protection equipment.

**Methods for cleaning up**

Soak up with inert absorbent material.

**Environmental precautions**

No special environmental precautions required. See Section 12 for more information.

**SECTION 7: Handling & Storage****Handling**

Always wear recommended Personal Protective Equipment. No special handling advices are necessary.

**Storage**

Keep in a dry, cool and well-ventilated place.

**SECTION 8: Exposure Controls / Personal Protection****Exposure Limits**

We are not aware of any national exposure limit.

**Engineering measures**

Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment**

Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

**Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment.

**Hand protection**

Impervious gloves.

**Eye protection**

Wear safety glasses with side shields (or goggles).

**Skin and Body Protection**

Lightweight protective clothing. Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls**

No special environmental precautions required

**SECTION 9: Physical and Chemical Properties****Information on basic physical and chemical properties**

|   |                   |
|---|-------------------|
| a) Appearance                                   | Form: liquid      |
| b) Odor   | No data available |
| c) Odor Threshold                               | No data available |
| d) pH   | No data available |
| e) Melting point/freezing point                 | No data available |
| f) Initial boiling point and boiling range      | No data available |
| g) Flash point                                  | No data available |
| h) Evaporation rate                             | No data available |
| i) Flammability (solid, gas)                    | No data available |
| 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 data available |
| t) Oxidizing properties                         | No data available |

**Other safety information**

No data available

**SECTION 10: Stability & Reactivity****Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

No data available

**Conditions to avoid**

No data available

**Incompatible materials**

No data available

**Hazardous decomposition products**

No dangerous decomposition products known

**SECTION 11: Toxicological Information****Acute toxicity**

No toxicology information is available.

**Principle Routes of Exposure****Potential Health Effects**

|                              |  |
|------------------------------|--|
| <b>Eyes</b>                  | May cause eye irritation with susceptible persons. |
| <b>Skin</b>                  | May cause skin irritation in susceptible persons.  |
| <b>Inhalation</b>            | May be harmful by inhalation.                      |
| <b>Ingestion</b>             | May be harmful if swallowed.                       |
| <b>Carcinogenic effects</b>  | None.  |
| <b>Mutagenic effects</b>     | None.  |
| <b>Reproductive toxicity</b> | None.  |
| <b>Sensitization</b>         | None.  |

## SECTION 12: Ecological Information

|                        |  |
|------------------------|--|
| <b>Ecotoxicity</b>     | Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants. |
| <b>Mobility</b>        | No information available.  |
| <b>Biodegradation</b>  | Inherently biodegradable.  |
| <b>Bioaccumulation</b> | Material does not bioaccumulate.   |

## SECTION 13: Disposal Considerations

Dispose of contents/containers in accordance with local regulations

## SECTION 14: Transport Information

**DOT (US)**  
Not dangerous goods

**IMDG**  
Not dangerous goods

**IATA**  
Not dangerous goods

## SECTION 15: Regulatory Information

### US Federal Regulations

#### **SARA 313**

This product is not regulated by SARA.

#### **Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain HAPs. US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

### WHMIS Hazard Class

Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

## SECTION 16: Other Information

### **Disclaimer:**

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It does not represent any guarantee of the properties of the product. Cepham Life Sciences Incorporated and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.