Safety Data Sheet

Version 4.0
Revision Date 11/25/2019

1. Product and Company Identification

   Product Name: Goat anti-Mouse IgG1 Antibody HRP Conjugated
   Catalog Number: A90-105P
   Product Use: For Research Use Only, Not for Diagnostic Use.

   Supplier: Bethyl Laboratories, Inc.
   25043 West FM 1097
   Montgomery, TX 77356
   Telephone: 800-338-9579
   Fax: 866-597-6105

2. Hazards Identification

   GHS Classification
   Not a hazardous substance or mixture.

   GHS Label elements

   Pictogram: None
   Signal word: None

   Precautionary Statement(s): None

3. Composition/Information on Ingredients

   Mixtures
   No ingredients are hazardous according to OSHA criteria.
   No ingredients are hazardous according to Regulation (EC) No 1272/2008 criteria.
   No components need to be disclosed according to the applicable regulations.

4. First Aid Measures

   General Advice: If symptoms persist, call a physician

   If swallowed: Rinse mouth with water provided person is conscious.

   Skin contact: Wash skin with soap and plenty of water.

   Eye exposure: Flush with water as a precaution.

   If inhaled: Move person to fresh air. If not breathing, give artificial respiration.
5. **Fire-Fighting Measures**

   **Conditions of flammability**
   Not flammable or combustible

   **Extinguishing Media**
   Water, foam, carbon dioxide, or dry chemical.

   **Unusual Fire & Explosion Hazard**
   No usual fire or explosion hazards noted.

   **Special protective equipment for firefighters**
   Wear self-contained breathing apparatus if necessary.

6. **Accidental Release Measures**

   **Personal precautions**
   If spill occurs, wear protective gloves and clean up the spill area with inert absorbent material. Avoid post-cleanup contact of chemical with skin, eyes or inhalation.

   **Environmental precautions**
   Do not allow to enter drains, sewers or watercourses.

   **Methods and materials for containment and cleaning up**
   Dispose of clean-up waste in suitable closed containers

7. **Handling and Storage**

   **Conditions of safe storage**
   Keep container tightly closed and upright to prevent leakage.

   Recommended storage temperature is 2 - 8 °C.

8. **Exposure Controls/Personal Protection**

   Contains no substance with occupational exposure limit values.

   **Respiratory protection**
   In well ventilated areas, respiratory protection not required.

   **Hand protection**
   Handle with gloves.

   **Eye protection**
   Wear safety glasses.

   **Skin and body protection**
   Lab coat to limit skin exposure

   **General hygiene**
   Wash hands before breaks and at the end of each work shift and before eating, smoking or using the toilet. Wash contaminated clothing and shoes before reuse.
9. Physical and Chemical Properties

Appearance
   Form       liquid
   Color      brown-yellow
   Odor       mild inoffensive odor

Safety Data
   pH          no data available
   Melting point/ Freezing point no data available
   Boiling point  no data available
   Flash point   no data available
   Ignition point no data available
   Auto-ignition Temperature no data available
   Lower explosion limit no data available
   Upper explosion limit no data available
   Vapor pressure  no data available
   Density        no data available
   Water Solubility no data available
   Partition coefficient n-octanoic/water no data available
   Relative vapor density no data available
   Evaporation rate no data available

10. Stability and Reactivity

Chemical stability
   Product is stable under normal conditions of storage and use.

Possibility of hazardous reactions
   No data available

Conditions to avoid
   No data available

Materials to avoid
   Oxidizing agents, reducing agents, amines, mercaptans

Hazardous decomposition products
   Under normal conditions and use, hazardous decomposition products should not be produced.

11. Toxicological Information

Acute toxicity  May cause sensitization among susceptible persons.
Skin contact    May cause irritation.
Eye contact     May cause irritation.
Germ Cell Mutagenicity No data available
Carcinogenicity Not listed by IARC, ACGIH, NTP, OSHA
Reproductive toxicity No data available
Specific target organ toxicity single exposure No data available
Specific target organ toxicity repeated exposure No data available
12. Ecological Information

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<tr>
<td>Aspiration hazard</td>
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Toxicity
- Not determined

Persistence and degradability
- No data available

Bioaccumulative potential
- No data available

Mobility in soil
- No data available

PBT and vPvB assessment
- No data available

Other adverse effects
- At the concentration present this product does not need to be classified as hazardous for the environment and the effects are not expected to be significant.

13. Disposal Considerations

Dispose of material in accordance with federal, state, and local regulations.

14. Transportation Information

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<thead>
<tr>
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<th>Not dangerous goods</th>
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<tr>
<td>DOT (US)</td>
<td>No special transport regulations</td>
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<tr>
<td>ADR (road)/RID(rail)</td>
<td>Not dangerous goods</td>
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<tr>
<td>IMDG (sea)</td>
<td>Not dangerous goods</td>
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<tr>
<td>ICOA/IATA (air)</td>
<td>Not dangerous goods</td>
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15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

OSHA Hazards
- No known hazards under the OSHA Hazard Communication Standard (29CFR 1910/1200)

This safety data sheet complies with the requirements of Regulation (EC) No 1907/2006

SARA 302 Components
- No chemicals in this material are subject to reporting requirements of SARA title III, Section 302.

SARA 313 Components
- No chemical components were found

SARA 311/312 Hazards
- Acute Health Hazard: no

16. Other Information

For research use only.

Read instructions for use before using the product. Observe the general safety regulations when handling chemicals.

The above information is believed to be correct but does not purport to be all-inclusive and is intended to be used only as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state, or local laws or regulations.

Prepared by: Safety Department
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