

# Safety Data Sheet

Version 3.0  
Revision Date 07-14-2014



## 1. Product and Company Identification

Product Name Rabbit anti-Goat IgG-heavy and light chain Antibody HRP Conjugated  
Catalog Number A50-100P  
Supplier Bethyl Laboratories, Inc.  
25043 West FM 1097  
Montgomery, TX 77356  
Telephone 800-338-9579  
Fax 866-597-6105  
Product Use For Research Use Only, Not for Diagnostic Use.

## 2. Hazards Identification

### GHS Classification

Skin Sensitization, Category 1

### GHS Label elements

Pictogram



Signal word

Warning

Hazard Statements  
H317

May cause an allergic skin reaction

Precautionary Statement(s)

P261 Avoid breathing dust/fume/mist/vapours/spray  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P303 IF ON SKIN: Wash with plenty of soap and water.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

## 3. Composition/Information on Ingredients

| Component     | CAS No.    | Classification     | Concentration |
|---------------|------------|--------------------|---------------|
| Pro-Clean 400 | 26172-55-4 | Skin Sens. 1, H314 | 0.1%          |

## 4. First Aid Measures

**General Advice** If symptoms persist, call a physician

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

**Skin contact** Immediately wash skin with soap and plenty of water. Remove any contaminated clothing.

**Eye exposure** Immediately flush with copious amounts of water. Remove any contact lenses and continue flushing for at least 15 minutes.

**If inhaled**

Move person to fresh air. If not breathing, give artificial respiration.

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## 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.

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## 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

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## 7. Handling and Storage

### Conditions of safe storage

Keep container tightly closed and upright to prevent leakage.

Recommended storage temperature is 2 -8 °C.

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## 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 goggles.

### 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.

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## 9. Physical and Chemical Properties

|            |                       |
|------------|-----------------------|
| Appearance |                       |
| Form       | liquid                |
| Color      | colorless             |
| Odor       | mild inoffensive odor |

|   |                   |
|---|-------------------|
| Safety Data                               |                   |
| pH  | no data available |
| Melting point/<br>Freezing point          | no data available |
| Boiling point                             | no data available |
| Flash point                               | no data available |
| Ignition point                            | no data available |
| Auto-ignition<br>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<br>n-octanoic/water | no data available |
| Relative vapor density                    | no data available |
| Evaporation rate                          | no data available |

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## 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.

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## 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<br>single exposure   | No data available                                  |
| Specific target organ toxicity<br>repeated exposure | No data available                                  |

Aspiration hazard No data available

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## 12. Ecological Information

|                                      |   |
|--------------------------------------|---|
| <b>Toxicity</b>                      | Not determined  |
| <b>Persistence and degradability</b> | No data available   |
| <b>Bioaccumulative potential</b>     | No data available   |
| <b>Mobility in soil</b>              | No data available   |
| <b>PBT and vPvb assessment</b>       | No data available   |
| <b>Other adverse effects</b>         | 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. |

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## 13. Disposal Considerations

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

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## 14. Transportation Information

|                                  |                     |
|----------------------------------|---------------------|
| No special transport regulations |                     |
| DOT (US)                         | Not dangerous goods |
| ADR (road)/RID(rail)             | Not dangerous goods |
| IMDG (sea)                       | Not dangerous goods |
| ICAO/IATA (air)                  | Not dangerous goods |

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## 15. Regulatory Information

### OSHA Hazards

This product is considered hazardous under the OSHA Hazard Communication Standard (29CFR 1910/1200)

### 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 | yes |
|---------------------|-----|

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## 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.

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| Prepared by: | Safety Department<br>Bethyl Laboratories, Inc.<br>1-800-338-9579 |
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