Safety Data Sheet

Version 3.0
Revision Date 07-14-2014

1. Product and Company Identification

Product Name	F(ab')2 Goat anti-Mouse IgG-heavy and light chain Antibody HRP Conjugated
Catalog Number	A90-138P
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.

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 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.

9. Physical and Chemical Properties

Appearance	
Form	liquid
Color	colorless
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
Aspiration hazard	No data available

12. Ecological Information

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

No special transport regulations

DOT (US)	Not dangerous goods
ADR (road)/RID(rail)	Not dangerous goods
IMDG (sea)	Not dangerous goods
ICOA/IATA (air)	Not dangerous goods

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

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
Bethyl Laboratories, Inc.
1 -800-338-9579