# Safety Data Sheet

Version 1.0
Revision Date 10-15-2019

## 1. Product and Company Identification

| | |
|---|---|
| Product Name | F(ab')2 Goat anti-Human IgG-F(ab')2 Fragment cross-adsorbed Antibody Alkaline Phosphatase Conjugated |
| Catalog Number | A80-249AP |
| Supplier | Bethyl Laboratories, Inc.<br>25043 West FM 1097<br>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**
Not a hazardous substance or mixture.

**GHS Label elements**

| | |
|---|---|
| Pictogram | none |
| Signal word | none |

**Precautionary Statement(s)** none

**HMIS Classification**

| | |
|---|---|
| **Health hazard** | 0 |
| **Flammability** | 0 |
| **Physical hazards** | 0 |

**NFPA Classification**

| | |
|---|---|
| **Health hazard** | 0 |
| **Fire** | 0 |
| **Reactivity hazards** | 0 |

## 3. Composition/Information on Ingredients

Mixtures

No ingredients are hazardous according to OSHA criteria.
No components need to be disclosed according to the applicable regulations.

## 4. First Aid Measures

| | |
|---|---|
| **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. Consult a physician. |

## 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**
If area is well ventilated, 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 | no characteristic 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**
Strong acids

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

## 11. Toxicological Information

| | |
|---|---|
| **Acute toxicity (Oral LD50)** | No data available |
| **Skin corrosion/irritation** | No data available |
| **Serious eye damage/eye irritation** | No data available |
| **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 |
| **Potential health effects** | |
| **Inhalation** | May be harmful if inhaled. May cause respiratory tract irritation. |
| **Ingestion** | May be harmful if swallowed. |
| **Skin** | May be harmful if adsorbed through skin. May cause skin irritation. |
| **Eyes** | May cause eye irritation |
| **Health Warnings** | To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated. |

## 12. Ecological Information

| | |
|---|---|
| **Toxicity** | No known OSHA hazards. |
| **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** | Harmful to aquatic life |

## 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**
No known OSHA hazards

**SARA 302 Components**
The following components are subject to reporting levels established by SARA title III, Section 302:

Sodium Azide CAS No. 26628-22-8

**SARA 311 Components**

No chemical components were found

**SARA 311/312 Hazards**
No SARA hazards

**Canadian WHMIS**
Not controlled under WHMIS.

**EU Regulation/Classification/Labeling information**
The product is classified and labeled in accordance with Regulation EC No 1272/2008.

## 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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