

MSDS for Proteins and Antibodies

IDENTIFICATION

This Material Safety Data Sheet covers all products manufactured by eBioscience in the following configurations:

- ☐ Purified recombinant proteins
- ☐ Purified monoclonal and polyclonal antibodies of mouse, rat, hamster, goat or rabbit origin, and such antibodies conjugated to the following reporter molecules:
 - Alkaline phosphatase
 - Alexa Fluor® 488
 - Alexa Fluor® 647
 - Alexa Fluor® 700
 - Allophycocyanin (APC)
 - APC-Cy5.5
 - APC-Cy7
 - APC-Alexa Fluor® 750
 - Biotin
 - Cy5
 - Fluorescein (FITC)
 - Horseradish peroxidase
 - Pacific Blue®
 - PerCP-Cy5.5
 - Phycoerythrin (PE)
 - PE-Cy5
 - PE-Cy5.5
 - PE-Cy7
- ☐ Streptavidin conjugated to the following reporter molecules:
 - Allophycocyanin (APC)
 - APC-Cy5.5
 - APC-Cy7
 - Biotin
 - Cy5
 - Fluorescein (FITC)
 - PerCP-Cy5.5
 - Phycoerythrin (PE)
 - PE-Cy5
 - PE-Cy5.5
 - PE-Cy7

Description: Aqueous buffered solution containing purified proteins, or enzyme- or dye-conjugated proteins, many of which contain the preservative sodium azide.

Preparation Date: March 10, 2010

HAZARDOUS COMPONENTS

According to the OSHA Hazard Communication Standard 29CFR 1910:1200, these products are not considered hazardous.

HAZARDS INFORMATION

The toxicological properties of products have not been fully investigated. Always follow Good Laboratory and Industrial Hygiene Practices and wear proper personal protective equipment when handling chemicals.

CHEMICAL PROPERTIES

Boiling Point: Unknown

Melting Point: Unknown

Specific Gravity: Unknown

Vapor Pressure: Unknown

Vapor Density: Unknown

Evaporation Rate: Unknown

Solubility in Water: Unknown

Appearance and Odor: Odorless liquid colored with dyes (AKP, Cy5, PE, FITC, APC, APC-Cy7, PE-Cy5, PE-Cy7 conjugated products); Orderless clear liquid (buffers, purified proteins, biotinylated antibodies); Orderless clear powder (recombinant proteins)

FIRE FIGHTING PROCEDURES

Flashpoint: N/A

Flammable Limits:

LEL: N/A

UEL: N/A

Extinguishing Media: Use media appropriate for site conditions.

Unusual Fire & Explosion Hazards: None known. Wear self-contained breathing apparatus and protective garments appropriate for site conditions.

REACTIVITY DATA

Stability/Incompatibility: Stable. See enclosed data sheet for product-specific storage information.

Hazardous Decomposition: None known.

FIRST AID MEASURES

Eye Contact: Check for contact lenses and remove if present. Flush eyes with large volumes of water for at least 15 minutes. Seek medical attention if eyes remain red and/or irritated.

Skin Contact: Wash contact areas thoroughly with soap and water after handling. Seek medical attention if area remains irritated. Immediately remove contaminated clothing; contaminated clothing should not be worn until after it has been properly cleaned.

Ingestion: Seek medical attention or call poison control center immediately.

Inhalation: Remove from further exposure. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek medical attention immediately.

ACCIDENTAL RELEASE MEASURES

Spill or Leakage Procedure: Dispose of absorbent material used to clean spills in accordance with local, state and federal regulations.

EXPOSURE CONTROL INFORMATION

Ventilation Data: Provide adequate local exhaust ventilation.

Respiratory Protection: None required if ventilation is adequate.

Protective Gloves: Wear chemical resistant gloves.

Other Protective Equipment: Eye protection, lab coat, apron or other protective clothing to minimize contact. Eyewash stations and deluge showers should be available.

Work Practices: Observe appropriate laboratory hygiene practices. Avoid contact with skin or eyes. Wash any exposed body area thoroughly with soap and water after completion of activities involving product.

TRANSPORTATION

Product not regulated by DOT, IATA/ICAO, IMO/IMDG, ADR/RID, or TDG.

Information given herein is offered in good faith as accurate, but without guarantee.

Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user.