



## MSDS for Proteins and Antibodies

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### IDENTIFICATION

This Material Safety Data Sheet covers all products manufactured by Absolute Antibody Ltd in the following configurations:

- Purified recombinant proteins
- Purified recombinant monoclonal antibodies produced *in vitro* cell lines using sequences of mouse, rat, hamster, human or rabbit origin.

### 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 clear liquid (buffers, purified proteins and antibodies); Odorless clear powder (some 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.
- 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.