



MSDS for Proteins and Antibodies

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.