



**Ab Biotechnology Ltd**

Product, Process, Assay Development & GMP Biomanufacturing

Material Safety Datasheet

## Purified Rabbit Polyclonal Antibody

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### I Identification of the Substance/Mixture and of the Company

#### I.1 Identification of the Substance/Preparation

Product Type: Purified Rabbit Polyclonal Antibody

#### I.2 Application of the Substance or Mixture

For professional use only

#### I.3 Company Identification

Ab Biotechnology Ltd.

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### 2. Hazards Identification

#### 2.1 Classification of the Substance or Mixture

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

#### 2.2 Label Elements

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

#### 2.3 Other Hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## 3. Composition/ Information on Ingredients

### 3.1 Substances

This product contains polyclonal antibodies of animal origin (rabbit). This substance does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC, 1272/ 2008 [CLP], GHS or 29 CFR 1910.1200 [OSHA]. The following safety data sheet identifies the hazards related to the polyclonal antibody product, and constituent chemicals in undiluted form that make up the buffer.

Where the ingredients are used in a diluted form the risk of harm being caused by certain ingredients during handling of this product may be reduced compared with the undiluted ingredient. However, the hazards are still present and users should handle the product with care accordingly. This assessment should be used as a guide only and does not represent an all-inclusive study of the product.

This product contains material of animal origin (rabbit) and should be handled as a potential biohazard. As with all biological material, reduce direct handling to a minimum and wear appropriate protective clothing.

### 3.2 Mixtures

#### Buffer

Glycine pH 7.2

All constituents of the buffers in which polyclonal antibodies are supplied contain chemicals designated as non-regulated (NR) by BDH Hazard Class System that corresponds to UN Hazard Classification. Eye contact may cause transient eye irritation. Ingestion may cause allergic reaction characterized by a rash. Low hazard for industrial handling.

#### Antibody

Rabbit Polyclonal antibody

## 4. First-aid Measures

**Skin:** In case of contact wash off skin thoroughly with soap and water. Remove contaminated clothing and wash before re-use. In severe cases obtain medical attention. Ensure adequate flushing of eye contamination for at least 15 minutes separating eyelids with fingers. If discomfort persists obtain medical attention.

**Lungs:** If inhaled, remove from exposure, rest and keep warm. In severe cases seek medical attention.

**Mouth:** If ingested, wash out mouth thoroughly with water and give plenty of water to drink. Obtain medical attention giving details of product constituents and any notable hazards.

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical help.

## 5. Firefighting Measures

**Suitable extinguishing media:** Not applicable

**Special considerations:** Not applicable

**Hazardous combustion products:** Not applicable

## 6. Accidental Release Measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. Remove persons to safety. Provide adequate ventilation.

### 6.2. Environmental Precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

### 6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Avoid generation of dust. Clear contaminated areas thoroughly. Wash with plenty of water.

### 6.4. Reference to other Sections

<b>Safe handling:</b>	see section 7
<b>Personal protection equipment:</b>	see section 8
<b>Disposal:</b>	see section 13

## 7. Handling and Storage

Store as directed on individual certificate of analysis.

## 8. Exposure Controls/Personal Protection

<b>Gloves:</b>	Rubber or plastic
<b>Eye protection:</b>	Use goggles or face shield
<b>Other protection:</b>	Use long sleeved laboratory coat

## 9. Physical and Chemical Properties

<b>Form:</b>	Liquid
<b>Color:</b>	Clear
<b>Odor:</b>	Odorless
<b>pH:</b>	7.0 – 7.4
<b>Boiling Point:</b>	Not determined
<b>Melting Point:</b>	Not determined
<b>Flash Point:</b>	Not applicable
<b>Flammability:</b>	Not flammable
<b>Auto flammability:</b>	Will not occur
<b>Vapor Pressure:</b>	Not applicable
<b>Relative Density:</b>	Not determined
<b>Water Solubility:</b>	Soluble

## 10. Stability and Reactivity

Stable under normal handling conditions. No further data.

## 11. Toxicological Information

See information under preservatives.

## 12. Ecological Information

No data available.

## 13. Disposal Considerations

This product should be disposed of in accordance with local waste disposal authority guidelines or passed to a chemical disposal company.

## 14. Transport Information

<b>Road / Railway Haulage ADR/RID:</b>	Not restricted.
<b>Sea Freight IMO (IMDG):</b>	Not restricted.
<b>Air Freight IATA (ICAO): UN</b>	Not restricted.
<b>Number:</b>	Not applicable.

## 15. Regulatory Information

Please note that we provide this MSDS on a voluntary basis since the product is not applicable to the REACH regulation due to the small amount produced.

We list all components to our best knowledge and assume no liability in case the components of the product differ from the above stated.

## 16. Reference

This document has been produced to provide health and safety information in accordance with Control of Substances Hazardous to Health Regulations (1999) COSHH, Personal Protective Equipment (PPE) Regulations (1992) and Management of Health and Safety at Work Regulations (1992). The information contained in this safety data sheet is believed to provide relevant information that will aid the safe handling and use of all these products. However, it does not claim to be an all inclusive assessment and should be used as a guide only. Ab Biotechnology Ltd. shall not be held liable for any damage resulting from contact with this product. For professional use only.