

Recombinant Protein A, Revision 3

Safety Data Sheet

Section 1 – Product Identification

Supplier: Repligen Corporation
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Waltham, MA 02453
Phone: (781) 250-0111; Fax: (781) 250-0115
Emergency #: (781) 250-0111

Product Name: Recombinant Protein A
Contains: Recombinant Protein A in purified water.
Synonyms: MC5, srPA50, rSPA
Catalog No(s): 10-1601, 10-1501, 10-2001
Identified Uses: Purification and/or detections of Monoclonal antibodies (mAbs)
Uses advised against: mAbs purification and detection only

Section 2 – Hazards Identification

Emergency Overview: No specific hazards identified

HMIS: Health Hazard: 0 (No significant risk to health)
Flammability: 0 (Will not burn)
Reactivity: 0 (Stable)

NFPA: Health Hazard: 0 (Poses no health hazard)
Fire: 0 (Will not burn)
Reactivity: 0 (Stable, not reactive with water)

Potential Health Effects: No health effects have been identified.
May be harmful if inhaled, swallowed, or absorbed through skin.
May cause eye irritation.

Section 3 – Composition / Information on Ingredients

Purified Recombinant Protein A, derived from genetically modified *Escherichia coli*. Product is provided frozen in purified water.

Section 4 – First Aid Measures

If swallowed: Induce vomiting. Get medical attention
In case of eye contact: Flush eyes with clean water for at least 15 minutes
Skin contact: Flush skin with water
If inhaled: Move to fresh air. Get medical attention

Section 5 – Fire Fighting Measures

Non Flammable: No specific fire hazard
Flash point: N/A
Ignition point: N/A
Fire Extinguishing media: Use any suitable media as for the surrounding fire

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Section 6 – Steps to be Taken in the Event of a Spill or Discharge:

Personal Protection:	Wear lab coat, gloves and eye protection. Treat with procedures appropriate for biological materials. Soak up spill with absorbent material and collect in a closed container suitable for incineration. Clean the affected area with disinfectant solution. Do not allow material to enter soil, waterways or drains.
Disposal procedure:	Dispose of in accordance with all applicable federal, state, and local environmental regulations.

Section 7 – Handling and Storage

Ventilation:	Keep in a well ventilated area
Respiratory Protection:	N/A
Eye/skin Protection:	Standard laboratory practices recommended.
Storage:	Keep container closed. Store frozen for optimum shelf life.
Special precautions:	N/A

Section 8 – Exposure Controls/Personal Protection

General:	Standard laboratory practices recommended. Clean any exposed skin after handling, before leaving the working area, and before eating, smoking or using the lavatory. Dispose of, or clean any contaminated clothing before re-use.
PPE:	Personal protective equipment should be selected to provide adequate protection based upon the procedures being performed. Wear laboratory coat, gloves and safety glasses when handling. Respiratory protection not required

Section 9 – Physical and Chemical Properties

Appearance:	Frozen aqueous solution
pH:	pH 5 - 8
Flash point:	Will not burn
Ignition point:	Will not ignite
Explosion limits:	No risk of explosion
Solubility:	Soluble in water

Section 10 – Stability and Reactivity

Stability:	Stable
Hazardous polymerization:	Will not occur
Decomposition products:	No known hazardous decomposition products

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Section 11 – Toxicological Information

Acute toxicity:	No known significant effects
Irritation:	No known significant effects. May be a skin or eye irritant.
Sensitization:	No known significant effects
Carcinogenicity:	No known significant effects
Mutagenicity:	No known significant effects
Teratogenicity:	No known significant effects

Section 12 – Ecological Information

No known hazards

Section 13 – Disposal Considerations

Dispose of in accordance with all applicable federal, state, and local environmental regulations.
Do not allow spilled material to enter soil, waterways or drains

Section 14 – Transport Information

IATA:	Not classified
DOT Road Transport:	Not Regulated

Section 15 – Regulatory Information

OSHA/SARA/CWA/CAA: No known hazards

EU Risk and Safety Statements:

- Not classified

Section 16 – Other Information

The material published in this Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions.

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