

Safety Data Sheet

Revision date Dec-2024

1. Identification

Product identifier

Product name Biosimilar Recombinant Antibody

Recommended use of the chemical and restrictions on use

Recommended use This product is for research and development only

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier Address

Bioss Antibodies
300 Tradecenter Dr. Suite 4610
Woburn, MA 01801
Tel: 781.569.5821
Fax: 781.569.5847

2. Composition/ Information on ingredients

Freeze-dried Composition Buffer

25mM histidine, 8% sucrose, 0.01% Tween 80, pH6.2. All antibodies supplied are without preservatives and are carrier-free. This product is composed of amino acid in powder format. According to 29 CFR 1910.1200 (d). They contain less than 1% hazardous chemicals.

3. Health Hazard Data

Emergency overview No specific hazard.

Routes of entry Avoid ingestion and inhalation, avoid contact with skin, eyes.

Threshold Limit Value (TLV) and source Data N/A. To the best of our knowledge, the chemical, physical, and toxicological properties of the components of this product have not been thoroughly investigated.

Potential acute health effects May cause skin, eye, or lung irritation. Allergy-prone individuals should be particularly cautious with proteins or other materials of biologic origin. To the best of our knowledge, thorough investigations into the chemical, physical, and toxicological properties of the components of this product have not been conducted.

Carcinogenic effects data N/A

Chronic effects of overexposure	N/A
Vapor pressure (mm Hg)	N/A
Solubility in water	Powder readily miscible in water.

4. Emergency and First-aid Procedures

First aid personnel should ensure self-protection.

Swallowing	In the event of ingestion of any component of this product, rinse the mouth with water if the person is conscious and seek immediate medical attention.
Skin	If any component of this product comes into contact with the skin, immediately wash the affected area with soap and copious amounts of water.
Inhalation	If any component of this product is inhaled, move the individual to fresh air. If breathing is difficult or absent, perform CPR and seek immediate medical attention.
Eyes	If any component of this product contact the eyes, flush the eyes thoroughly with copious amounts of water for at least 15 minutes. Ensure proper flushing by gently separating the eyelids with fingers. Consult a physician for further guidance.

5. Fire and Explosion Hazard Data

Flammability	May be combustible at high temperature.
Flash points	N/A
Extinguishing media	Use dry chemical.
Special firefighting procedures	Wear NIOSH/MSHA approved self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation.
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Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Pick up and transfer to properly labeled containers.

7. Handling and Storage

Precautions for safe handling

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice.
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed and stored at -20 °C upon receipt.
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8. Exposure Controls/Personal Protection

Personal protection	Wear appropriate gloves, protective clothing and eyewear and follow safe laboratory practices.
ACGIH/OSHA Permissible Exposure Limit Data	Not determined
Engineering Controls	Make sure good indoor ventilation, eye wash and quick-drench facilities in workplace.

9. Physical and Chemical Properties

Physical state and appearance	Powder
Boiling point	N/A
Vapor pressure	N/A
Vapor density	N/A
Specific gravity	N/A
Melting point	N/A
Evaporation rate	N/A
Solubility in water	The powder can be dissolved in sterile, distilled water.

10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions to avoid	N/A
Materials to avoid	N/A
Hazardous decomposition products	N/A

11. Toxicological information

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	No information available.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.

Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Other toxic effects on humans	No information available.

12. Ecological information

Persistence and degradability	No information available.
Bioaccumulation	There is no data for this product.
Other adverse effects	No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.

14. Transport information

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO (air)</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

15. Regulatory information

Observe the general safety regulations when handling chemicals. No single component contains a hazardous ingredient in an amount that requires identification and labeling.

16. Other information

This material is intended for in vitro use or research purposes only. It is not to be used on human or animal therapeutic or clinical diagnostic use. Please ensure to read the instructions for use before using the product. Observe the general safety regulations when handling chemicals. Good laboratory practice (GLP) is recommended as the best preventive measure to avoid hazards.

The provided information may not cover all possible risk and is intended only as a guide. All materials may carry unknown hazards and should be handled with caution. As the company cannot control the actual methods, quantities, or conditions of use, the company shall not be held liable for any damages or losses resulting from handling or contact with the product as described herein.

Disclaimer

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