

Material Safety Data Sheet (MSDA) for Proteins and Antibodies

Company/Undertaking Identification

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Handling and disposal of the product under normal laboratory conditions does not constitute a risk to personnel or environment.

1. Identification

Product name: Purified recombinant proteins and antibodies.

CAS number: N/A

Catalog number: 10,000 Series

2. General information

The information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. NEOBIOLAB shall not be liable for any damages resulting.

3. Identification of Substance

Aqueous buffered solution containing purified proteins and antibodies, many of which contain the preservative sodium azide.

4. Hazard Identification

Main hazards: According to the OSHA Hazard Communication Standard 29CFR 1910:1200, these products are not considered hazardous.

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

Risk phrases: No Significant Hazard.

5. First Aid Measures

Inhalation: May cause irritation to mucous membranes. Move the exposed person to fresh air.

Eye contact: May cause irritation to eyes.

Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Skin contact: May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Ingestion: May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

6. Fire Fighting Measures

Suitable extinguishing agents. CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Protective equipment. No special measures required.

7. Accidental Release Measures

Person-related safety precautions: Not required.

Measures for environmental protections: Dilute with plenty of water. Do not allow to enter sewers / surface or ground water.

Measures for cleaning / collecting: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

8. Handling and storage

Precautions for safe handling: Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. **Storage:** Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

9. Exposure Controls / Protection



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Additional information about design of technical facilities: No further data; see section Ingredients with limit values that require monitoring at the workplace. The product does not contain any relevant quantities of material with critical values that have to be monitored at the workplace.

Personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals

Respiratory protection: Not required

Protection of hands: Protective gloves

Eye Protection: Goggles recommended during refilling

10. Physical and Chemical Properties

Form: Liquid/Solid

Components Ingredients Color:

Colorless/Clear

Odour: Odourless

11. Ecological Information

Ecotoxicity effects: N/A

Mobility: N/A

Biodegradation: N/A

Bioaccumulation: N/A

12. Stability and Reactivity

Stability and Reactivity: See enclosed data sheet for product-specific storage information.

Condition to avoid: not available.

Materials to avoid: not available.

Hazardous Decomposition products: not available.

13. Toxicological Information

Potential Health effects

Eyes May cause eye irritation with susceptible persons.

Skin Harmful in contact with skin.

Inhalation May cause irritation of respiratory tract.

Ingestion Harmful if swallowed.

Specific effects

Carcinogenic effects: N/A

Mutagenic effects: N/A

Reproductive toxicity: N/A

Sensitization: N/A

14. Spill and Leak Procedures

Steps to be taken if materials is spilled or released: Wear lab coat, chemical resistant gloves and safety glasses. Wipe up spill with a suitable absorbant and dispose of properly. Wash down the spill site.

Waste disposal: dispose of in accordance with local official environmental regulations.

15. Transportation Information

The product is not classified as dangerous for carriage.

16. Regulations

Labelling according to related labelling guidelines: Observe the general safety regulations when handling chemicals.

17. Other Information

For research use only.

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.