



1 DEER PARK DRIVE, SUITE M, MONMOUTH JCT, NJ 08852 • (P) 732-274-2866 • (F) 732-274-2899  
[www.biotechsupportgroup.com](http://www.biotechsupportgroup.com)

## Safety Data Sheet

Version 1.0

Print Date 07/05/2025

### Section 1: Identification

*(As Used on Label)*

HB Binding Buffer, Catalog # HB

Recommended use: For laboratory research use only

*Manufacturer's Name*

Biotech Support Group

*Emergency Telephone Number*

(732) 274-2866

*Address (Number, Street, City, State, and Zip Code)*

*Telephone Number for Information*

1 Deer Park Drive, Suite M

(732) 274-2866

Monmouth Junction, NJ 08852

*Date Prepared 04/12/2024*

### Section 2. Hazard(s) Identification

There are no known hazardous components. The buffer consists of Tris, pH 9.5, 0.5M NaCl

### Section 3: Composition/Information on Ingredients

There are no known hazardous components. The aqueous buffer consists of 0.05 M Potassium Phosphate, pH 8.0.



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### Section 4: First-Aid Measures

#### *Health Hazards (Acute and Chronic)*

The primary physiological effect of this product is dryness of the skin. This can be eliminated by wearing protective gloves or by applying lotions or barrier creams to the skin. Avoid dust.

*Carcinogenicity:* NTP? IARC Monographs? OSHA Regulated?

*Signs and Symptoms of Exposure* Dryness of the skin. Dust from the dried suspension may cause discomfort of the respiratory tract.

*Medical Conditions Generally Aggravated by Exposure* Dermatitis of the skin.

#### *Emergency and First Aid Procedures*

No particular measures after spillage/leakage of small amounts.

### Section 5: Fire-Fighting Measures

#### *Flash Point (Method Used)*

No available info.

#### *Flammable Limits*

No available info.

#### *LEL*

#### *UEL*

#### *Extinguishing Media*

Use media appropriate for surrounding conditions.

#### *Special Fire Fighting Procedures*

Use self-contained breathing apparatus if exposed to high levels of dust and smoke. *Unusual*

*Fire and Explosion Hazards* None



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### Section 6: Accidental Release Measures

*Flash Point (Method Used)*

No available info.

*Flammable Limits*

No available info.

LEL

UEL

*Extinguishing Media*

Use media appropriate for surrounding conditions.

*Special Fire Fighting Procedures*

Use self-contained breathing apparatus if exposed to high levels of dust and smoke. *Unusual*

*Fire and Explosion Hazards* None

### Section 7: Handling and Storage

*Respiratory Protection (Specify Type)*

Dust Mask

*Ventilation*

na

*Local Exhaust*

na

*Special*

na

*Mechanical (General)*

na

*Other*

na

*Protective Gloves* Use if skin sensitive

Use protective glasses



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### Section 8: Exposure Controls/Personal Protection

#### *Respiratory Protection (Specify Type)*

Dust Mask

*Ventilation      Local Exhaust*

*Special*

na

na

na

*Mechanical (General)*

*Other*

na

na

*Protective Gloves* Use if skin sensitive

Use protective glasses

The above information is believed to be correct but does not purport to be all inclusive.

Material is to be used for intended purposes only.

### Section 9: Physical and Chemical Properties

*Boiling Point*      Approx. 212 F

*Specific Gravity (H<sub>2</sub>O = 1)*

No available information

*Vapor Pressure (mm Hg.)*      na

*Melting Point* na

*Vapor Density (Air = 1)* na

*Evaporation Rate* na

*Solubility in Water*

Aqueous Buffer

*Appearance and Odor*

Clear Liquid

### Section 10: Stability and Reactivity

*Stable X*



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*Incompatibility (Materials to Avoid)* No information

*Hazardous Decomposition or Byproducts* No information

*Hazardous*

*May Occur*

*Conditions to Avoid*

*Polymerization*

*Will Not Occur X*

### Section 11: Toxicological Information

The material is non-hazardous. There is no known long-term toxicological information to the best of our knowledge. Laboratory best practices are recommended.

### Section 12: Ecological Information (non-mandatory)

### Section 13: Disposal Considerations (non-mandatory)

### Section 14: Transport Information (non-mandatory)

### Section 15: Regulatory Information (non-mandatory)

### Section 16: Other Information