

# Safety Data Sheet

Implementing Directives (CE) No. 1907/2006

## 1. Identification of the preparation and of the supplying company:

**Product Part Number:** 3KC002  
**Product Identification:** HBR-21 (Heterophilic Blocking Reagent-21)  
**Product/Trade Name (as Labeled on box):** HBR-21 (Heterophilic Blocking Reagent-21)  
**Kit Contents:** N/A  
**Manufacturer:** Scantibodies Laboratory, Inc.  
**Manufacturer's Address:** 9336 Abraham Way, Santee, CA 92071, USA  
**Manufacturer's Phone Number:** (619) 258-9300  
**In Case of Emergency:** (619) 258-9300

## 2. Hazards Identification:

### 2.1 Classification of the substance or mixture:

#### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):

Based on evaluation of currently available data, this substance or mixture is not classifiable according to GHS.

### 2.2 GHS Label elements including precautionary statements:

None

#### Hazardous Statement(s):

No phrases apply.

#### Precautionary statement(s):

No phrases apply.

#### Hazards not otherwise classified (HN)C) or not covered by GHS:

None

## 3. Composition/Information on Ingredients:

- 3.1 Chemical Characterization:** Murine and Goat derived proteins in 0.01M Sodium Phosphate, 0.15M NaCl, pH 7.4
- 3.2 Synonyms:** None
- 3.3 (CAS) number or other identifiers:** None

## 4. First Aid Procedures:

### 4.1 Description of first aid measures

**General Advice:** Consult with a physician. Show this safety data sheet to the doctor in attendance.

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Skin:** Wash affected area with soap and plenty of water. Consult a physician.

**Eyes:** Flush with copious amounts of water or eyewash saline for at least 15 minutes. Consult with a physician if irritation occurs.

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**Inhalation:** If breathed in, remove person into fresh air. If not breathing, give artificial respiration. Consult a physician

**4.2 Most important symptoms and effects, both acute and delayed:**  
None

**4.3 Indication of any immediate medical attention and special treatment needed:**  
None.

## 5. Fire Fighting Measures:

### 5.1 Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide

### 5.2 Special hazards arising from the substance or mixture

Nature of decomposition products not known.

### 5.3 Advice for firefighters

Wear self contained breathing apparatus for firefighting if necessary

### 5.4 Further information

No data available

## 6. Accidental Release Measures:

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

Use personal protective equipment. Avoid skin contact. For personal protection, see Section 8.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### 6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For disposal see Section 13.

## 7. Handling and Storage:

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. For precautions see Section 2.2. Wash hands after working with substance.

### 7.2 Conditions for safe storage, including incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature is at or below -20 °C.

### 7.3 Specific end use(s)

No other specific uses are stipulated

## 8. Exposure Controls/Personal Protection:

### 8.1 Control parameters:

#### Components with workplace control parameters

Contains no substances with occupational exposure limit value.



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## 8.2 Exposure controls:

### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### Personal protective equipment

#### Eye/face protection

Face shield or safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

#### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### Body Protection

Lab Coat.

#### Respiratory protection

None.

#### Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided

## 9. Physical and Chemical Properties:

### 9.1 Information on basic physical and chemical properties

a. Appearance	Form: Frozen Liquid
b. Odor	None
c. Odor Threshold	No detectable odor
d. pH	Normal range: pH 7.2 – 7.6
e. Melting point/ freezing point	No data available
f. Initial boiling point and boiling range	N/A
g. Flash point	N/A
h. Evaporation rate	No data available
i. Flammability (solid, gas)	Product is not flammable.
j. Upper/lower flammability or explosive limits	N/A
k. Vapor pressure	N/A
l. Vapor density	N/A
m. Relative density	1.0 g/mL
n. Water solubility	Soluble
o. Partition coefficient: n-octanol/water	No data available
p. Auto-ignition temperature	N/A
q. Decomposition temperature	No data available
r. Viscosity	No data available

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- s. Explosive properties None  
t. Oxidizing properties No data available

- 9.2 Other safety information  
No data available

## 10. Stability and Reactivity:

- 10.1 Reactivity  
No data available
- 10.2 Chemical stability  
Stable under recommended storage conditions
- 10.3 Possibility of hazardous reactions  
No hazardous reactions known.
- 10.4 Conditions to avoid  
No data available
- 10.5 Incompatible materials  
Strong oxidizing agents, alkali metals.
- 10.6 Hazardous decomposition products  
Other decomposition products – no data available.  
In the event of fire: see Section 5

## 11. Toxicological Information:

### 11.1 Information on toxicological effects

- |                                   |   |
|-----------------------------------|---|
| Acute Toxicity                    | No known toxicological effects.   |
| Inhalation                        | No data available.  |
| Dermal                            | No known dermatological effects.  |
| Skin corrosion/irritation         | No data available   |
| Serious eye damage/eye irritation | No data available   |
| Respiratory or skin sensitization | No data available   |
| Germ cell mutagenicity            | No data available   |
| Carcinogenicity:                  |   |
| IARC:                             | No component or this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. |
| NTP                               | No component or this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.                 |

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<b>OSHA</b>	No component or this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA
<b>Reproductive toxicity</b>	No data available
<b>Specific target organ toxicity – single exposure</b>	No data available
<b>Specific target organ toxicity – repeated exposure</b>	No data available
<b>Aspiration hazard</b>	No data available
<b>Additional information</b>	RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 12. Ecological Information:

<b>12.1 Toxicity</b>	No data available
<b>12.2 Persistence and degradability</b>	No data available
<b>12.3 Bioaccumulative potential</b>	No data available
<b>12.4 Mobility in soil</b>	No data available
<b>12.5 Results of PBT and vPvB assessment</b>	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
<b>12.6 Other adverse effects</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects

## 13. Disposal:

<b>13.1 Waste treatment methods</b>	
<b>Product</b>	Offer surplus and non-recyclable solutions to a licensed disposal facility.
<b>Contaminated packaging</b>	Dispose of as unused product

## 14. Transport Information:

<b>DOT (US):</b>	Not dangerous goods
<b>IMDG:</b>	Not dangerous goods
<b>IATA:</b>	Not dangerous goods

## 15. Regulatory Information:

<b>REACH No.</b>	A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.
<b>California Prop. 65 Components</b>	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.



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<b>SARA 302 Components</b>	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 302.
<b>SARA 313 Components</b>	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
<b>SARA 311/312 Hazards</b>	No SARA Hazards
<b>Massachusetts Right to Know Components</b>	None
<b>Pennsylvania Right to Know Components</b>	None
<b>New Jersey Right to Know Components</b>	None

## 16. Other Information:

### Company Policy or Disclaimer

**DISCLAIMER:** This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

### Document Revisions:

<u>Version</u>	<u>Date:</u>	<u>Changes:</u>
01	11 Jan 2013	Initial Release
02	26 Mar 2015	Updated to GHS system
03	27 Jan 2025	Revised Formatting and Section 7.3 updated

### Document Approval:

Reviewed/Approved By:



Date:

27 Jan 25