

Safety Data Sheet

Implementing Directives (CE) No. 1907/2006

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

Product Part Number: 3KC535
Product Identification: HBR 2, Purified (Heterophilic Blocking Reagent 2)
Product/Trade Name (as Labeled on box): HBR 2, Purified
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 derived proteins in a buffered salt solution.
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.

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

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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)

Apart from the uses mentioned in Section 1.2, 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 | No data available |
| c. Odor Threshold | No data available |
| d. pH | Normal range: pH 6.9 – 7.1 |
| 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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OSHA	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
Reproductive toxicity	No data available
Specific target organ toxicity – single exposure	No data available
Specific target organ toxicity – repeated exposure	No data available
Aspiration hazard	No data available
Additional information	RTECS: Not available

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

12. Ecological Information:

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

13. Disposal:

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

14. Transport Information:

DOT (US):	Not dangerous goods
IMDG:	Not dangerous goods
IATA:	Not dangerous goods

15. Regulatory Information:

REACH No.	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.
California Prop. 65 Components	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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SARA 302 Components	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.
SARA 313 Components	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.
SARA 311/312 Hazards	No SARA Hazards
Massachusetts Right to Know Components	None
Pennsylvania Right to Know Components	None
New Jersey Right to Know Components	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	07 Aug 2006	Initial Release
02	26 Mar 2015	Update to GHS System

Document Approval:

Reviewed/Approved By:

Tuan Tran

Date:

12 May 15