SAFETY DATA SHEET (SDS)

Anti-Influenza B Virus HA2 Mouse Monoclonal Antibody

1: Identification

PRODUCT DETAILS
Product Name Anti-Influenza B Virus HA2 Mouse Monoclonal Antibody
Other Names None
MIB-HA-190
Use For research use, i.e. western blot standard, antibody ELISA, antigen
Company eENZYME LLC
Address 401 Professional Drive, Suite 160
Gaithersburg, MD 20879, USA
General Information 1-240-683-5851

Section 2: Hazards Identification

GHS Classification of substances and mixtures: Not hazardous. May cause eye or skin irritation in susceptible individuals. May be harmful if swallowed or inhaled.

Signal Word: Not hazardous.

Other Information: No other information available.

Section 3: Composition/Information on Ingredients

At the concentration of the chemicals in the aqueous solution provided, the protein is considered nonhazardous.

Chemical Components Description
IgG2b Antibody, 100 µg
KCl 20 µg
KH₂PO₄ 24.5 µg
NaCl 0.8 mg
Na₂HPO₄ 144 µg
Gelatin <0.1%
Sodium azide <0.1%

Hazardous Components: This aqueous product solution contains the following hazardous ingredient. At the given concentration (<0.1%), the part is not classified under GHS.

Hazardous Ingredient CAS GHS Classification Concentration
Sodium Azide 26628-22-8 Acute Toxicity, Oral (Category 2); Acute Toxicity, Dermal (Category 1); Acute aquatic toxicity (Category 1); Chronic Aquatic Toxicity (Category 1) <0.1%
Section 4: First Aid Measures

**Swallowed:** Rinse mouth with water then drink copious amounts of water.

**Eye:** Wash continuously with water for 15 minutes.

**Skin:** Immediately wash skin with soap and water. Wash contaminated clothing.

**Inhaled:** Remove to fresh air.

**First Aid Facilities:** Eye bath

**Physician's note** Treat symptomatically.

Section 5: Fire Fighting Measures

**Extinguishing Media:** None

**Special Firefighting Procedures:** None

**Unusual Fire and Explosions Hazards** None

Section 6: Accidental Release Measures

**Spill Response** Absorb with paper towel and dispose into biohazard waste

**Containment** None

**Personal Precautions and Equipment** Gloves, Protective goggles, laboratory coat

**Emergency Procedures** Avoid direct skin and eye contact when cleaning up

Section 7: Handling and Storage

**Recommendations for Safe Storage** No special precautions for personal safety

**Additional Storage Information** None

**Precautions for Safe Handling** Use Safe Laboratory Practice.

**Additional Precautions for Handling** None

Section 8: Exposure Controls/Personal Protection

**Exposure Limits** No data

**Engineered Environmental Controls Needed** No special controls needed

**Personal Protective Measures** Use Safe Laboratory Practice, protective gloves, goggles, laboratory coat

**Special Requirements** None

Section 9: Physical and Chemical Properties

**Physical State** Aqueous Solutions

**Odor** None

**Solubility in Water** Good

**Specific Gravity** No data

**pH** Neutral

**Boiling Point** No data

**Melting Point** No data

**Flash Point** No data

**Vapor Pressure** No data

**Vapor Density** No data
### Section 10: Stability and Reactivity

<table>
<thead>
<tr>
<th>Reactivity</th>
<th>Compounds considered non-dangerous at concentrations given.</th>
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<tbody>
<tr>
<td>Chemical Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Hazardous Reactions or Polymerizations</td>
<td>Will not occur.</td>
</tr>
<tr>
<td>Hazardous Decomposition Products:</td>
<td>None. Burning can produce oxides of carbon and nitrogen.</td>
</tr>
<tr>
<td>Incompatible Materials</td>
<td>None known</td>
</tr>
</tbody>
</table>

### Section 11: Toxicological Information

<table>
<thead>
<tr>
<th>Likely Routes of Exposure</th>
<th>None if properly handled. Accidental routes include skin, eye and mouth. Accidental exposure might cause a reaction in susceptible individuals.</th>
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</thead>
<tbody>
<tr>
<td>Effects of Exposure</td>
<td>None known, general class of similar chemical solutions have no toxic, carcinogenic, or mutagenic effects.</td>
</tr>
<tr>
<td>Toxicity Data and LD50</td>
<td>None known at concentrations provided.</td>
</tr>
</tbody>
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### Other Information

<table>
<thead>
<tr>
<th>Preparation Date</th>
<th>4/12/2020</th>
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<tbody>
<tr>
<td>Revision Date</td>
<td>2/5/2021</td>
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</table>

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.