MATERIAL SAFETY DATA SHEET

Product name: Epstein Barr Virus EBNA-1 IgM ELISA Kit
Catalog number: KA1449

1. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Component</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELISA break-away strips coated with specific antigen</td>
<td>96 wells</td>
</tr>
<tr>
<td>Standard A to F</td>
<td>1.3 ml/ each vial</td>
</tr>
<tr>
<td>Antibodies-Px conjugate</td>
<td>15 ml</td>
</tr>
<tr>
<td>Wash buffer concentrate</td>
<td>125 ml</td>
</tr>
<tr>
<td>Dilution buffer</td>
<td>125 ml</td>
</tr>
<tr>
<td>Chromogenic substrate</td>
<td>15 ml</td>
</tr>
<tr>
<td>Stop Solution</td>
<td>15 ml</td>
</tr>
</tbody>
</table>

2. Hazards Identification

<table>
<thead>
<tr>
<th>Known Hazardous Components</th>
<th>CAS Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfuric Acid:</td>
<td>7664-93-9</td>
<td></td>
</tr>
<tr>
<td>Stop Solution</td>
<td></td>
<td>2.12 %</td>
</tr>
</tbody>
</table>

3. First Aid Measures

First aid personnel should ensure self-protection.

General informations: Because of the low concentrations of the ingredients seeing a doctor is not necessary.

In case of skin contact: After contact with skin take off immediately all contaminated clothing, and wash immediately with plenty of water. Seek medical advice if needed.

In case of eye contact: In case of contact with eyes, rinse immediately with plenty of water for at least 20 minutes with open lid. Protect uninjured eye. Do not neutralize. Remove contact lenses if any. Seek medical advice.

In case of ingestion: Flush mouth with plenty of water (do not swallow). Do not attempt to neutralize or to provoke vomiting. Seek medical advice immediately.

In case of inhalation: If inhaled, remove to fresh air, loosen a clothing. Seek medical advice if needed. Show the product label or this Safety data sheet to the physician.
4. **Fire Fighting Measures**

   Suitable extinguish media: the product is not combustible
   Special exposure hazards: The product may cause local irritation, danger when eye is contaminated: use appropriate protective tools.
   Instructions for fire-fighters: No special instructions

5. **Accidental Release Measures**

   Personal precautions, protective tools and emergency plan: use personal protective tools: respirator with acid-protective filter, protective clothing and shoes, rubber gloves.
   Environmental protective measures: not required
   Methods and material for escape restriction and cleaning: Small spillages absorb with inert, non-combustible material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Wash spillage site well with water and detergent, be aware of the potential for surfaces to become slippery. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Dispose of as hazardous waste. Wash thoroughly after dealing with a spillage.
   Other paragraph reference: none

6. **Handling and Storage**

   Do use personal protective tools. Comply with personal hygiene measures – prevent inhalation, eye or skin contact and clothing contamination. Hamper long time or repeated exposition.
   Storage precautions: prevent contact with alkaline substances

7. **Exposure controls/personal protection**

   Control parameters (according to local authority instructions)
   
<table>
<thead>
<tr>
<th></th>
<th>PEL mg.m⁻³</th>
<th>NPK mg.m⁻³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfuric acid</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

   re-counted to sulfur trioxide

   DNEL and PNEC values at the time of this Safety data sheet edition were not known
   Exposure control: avoid frequent or long time contact with skin. Hands protection using rubber gloves. Eyes protection using protective glasses.

8. **Physical and Chemical Properties**

   Not available.
9. **Stability and Reactivity**

Reactivity: no unfavorable reaction under normal conditions

Chemical stability: stable under normal conditions when stored correctly

Possibility of dangerous reactions: reaction with strong alkalines

Conditions necessary to avoid:

Incompatible materials: strong alkalines, ammonia, metals and alkaline earth metal compounds

Dangerous decay products: hydrogen can develop after contact with metals

10. **Toxicological Information**

Not available.

11. **Ecological information**

No known significant effects or critical hazards.

Further ecological information

Do not allow to enter waters, waste water or soil.

Due to the small size of the containers and the low concentrations of hazardous ingredients, risks are minor.

12. **Disposal guidelines**

Disposal of Preparation Left: Dispose according to current regional and national rules.

Contaminated Containers: Dispose of following current regulations.

13. **Transport information**

Not available.

14. **Regulatory information**

Not available.

15. **Other**

Recommended Use: For Research Use Only or clinical investigational use only. Not for use on or in human and animals.

Information contained in this MSDS relies upon our best knowledge of the product upon issue of this document to describe the use, storage, transport and disposal under safe and secure measures. Such information is not a guarantee of the characteristics and specific quality of the product. This MSDS concerns the stated preparation and cannot apply to the product if used with other materials or in a process other than those specifically stated.