MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY INFORMATION
   Product Name: RDE(II) “SEIKEN”
   Company Name: DENKA SEIKEN Co. Ltd
   Address: 1-2-2 Minami-Honchou Gosen-cho Niigata-ken, Japan
   Division: Quality Assurance Division
   Telephone: +81-0250-43-4136   Facsimile: +81-0250-43-3789
   Product Code:

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>370013</td>
<td>RDE(II) “SEIKEN”</td>
</tr>
<tr>
<td></td>
<td>20mL × 5vials</td>
</tr>
</tbody>
</table>

   General use: Reagent for Viral Tests
   MSDS No.: 370013-04

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Registry No</th>
<th>Concentration per vial</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mucin</td>
<td>---</td>
<td>50.0mg</td>
</tr>
<tr>
<td>Sodium Chloride</td>
<td>7647-14-5</td>
<td>25.0mg</td>
</tr>
<tr>
<td>Sodium Hydrogen Carbonate</td>
<td>144-55-8</td>
<td>9.6mg</td>
</tr>
<tr>
<td>Phosphoric Acid</td>
<td>7664-38-2</td>
<td>30.0μg</td>
</tr>
<tr>
<td>Peptone(poly)</td>
<td>---</td>
<td>75.0mg</td>
</tr>
<tr>
<td>Yeast Extract</td>
<td>---</td>
<td>20.0mg</td>
</tr>
<tr>
<td>Dextran 70</td>
<td>---</td>
<td>50.0mg</td>
</tr>
<tr>
<td>Kanamycin Sulfate</td>
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<td>2.1mg</td>
</tr>
</tbody>
</table>

3. HAZARD IDENTIFICATION
   Contains no hazardous substances in reportable quantities

4. FIRST AID MEASURES
   Skin Contact: Wash skin through with soap and water. In the event of redness or itching seek medical advice.
   Eyes: Rinse eyes immediately with water for 10 to 15 minutes with eyelids open. Seek medical advice if irritation persists.
   Ingestion: Wash mouth out with plenty of water and seek medical advice.

5. FIRE FIGHTING MEASURES
   These products are not flammable.
   Thermal decomposition of components is unlikely to result in gases which are damaging to health in any quantity.

6. ACCIDENTAL RELEASE MEASURES
   Personal protection: Normal laboratory clothing should be worn and standard safety procedures should be followed according to local rules.
Accidental release spillage measures: After spillage mop up with absorbent material e.g. cotton, wool or paper towel.

7. HANDLING AND STORAGE
Technical measures:
Avoid contact with skin, eyes or clothing using protectors such as goggles, gloves and so on.
Warning: Minimize dust generation and accumulation
Storage: Store at 2~10℃
Avoid freezing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Respiratory Protection: Mask
Hand Protection: Glove
Eye Protection: Chemical goggles and face shield
Skin Protection: Wear impervious clothing such as apron or whole body suit.

9. PHYSICAL AND CHEMICAL PROPERTIES
Physical state: Solid (lyophilized)
Flammability: Not applicable
Explosive properties: Not applicable
Relative density: Not applicable
Solubility: Easily

10. STABILITY AND REACTIVITY
Stability: Stable for 12 months at 2~10℃
Reactivity: Not applicable
Decomposition: Not applicable

11. TOXICOLOGICAL INFORMATION
There is no evidence of any adverse toxicological problems.

12. ECOLOGICAL INFORMATION
Not implemented

13. DISPOSAL CONSIDERATION
Comply with all federal, state and local regulations

14. TRANSPORT INFORMATION
Not applicable

15. REGULATORY INFORMATION
None of the components in these products requires special labeling in accordance with UK or EC directives.

16. OTHER INFORMATION
These products are intended for in vitro diagnostic use only. Not for use in human. The information herein is believed to be correct as of the data given, and excludes any guarantee related with final use given to the products, the recipient being the last responsible for observing the laws applicable in each case.