1. Product and Company Information

Product code + name: 502 – 537A, Febrile Antigens
Product description: A slide and tube agglutination test for the qualitative and semi-quantitative detection of Anti-Salmonella, Brucella and Rickettsia antibodies in human serum. Stained bacterial suspensions will agglutinate (clump) in the presence of the corresponding antibody.
Supplier/Manufacturer: Lorne Laboratories Ltd
Address: Unit 1 Cutbush Park Industrial Estate
Danehill
Lower Earley
Berkshire RG6 4UT
United Kingdom
Phone number: +44(0) 0118 921 2264
Fax number: +44(0) 0118 986 4518
e-mail address: info@lornelabs.com
Web-site address: www.lornelabs.com

2. Composition/Information on the components

Contains no hazardous substances in reportable quantities

<table>
<thead>
<tr>
<th>Component name</th>
<th>Concentration</th>
<th>R phrases</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium azide</td>
<td>&lt;0.1%</td>
<td>R28, R32, R50/53</td>
<td>Poisonous</td>
</tr>
</tbody>
</table>

3. Hazard Identification

Main Hazards: This product must be classified according to directive 2001/58/EC as non-hazardous
For Positive Control: Components from human origin have been tested and found negative for the presence of HbSAg, HCV and antibody to HIV (1/2). However handle cautiously as potentially infectious

4. First Aid measures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting the upper and lower eyelids. Seek immediate medical advice
Skin Contact: Wash the contacted area with soap and water. Remove contaminated clothing and shoes. Get medical aid if irritation develops or persists
Ingestion: If victim is conscious and alert, wash out mouth with water. Get medical aid.
Inhalation: Remove from exposure and move to fresh air immediately. If breathing is difficult, get medical aid

5. Fire Fighting measures

Extinguishing Media: Not flammable. Use media to suit the surroundings
Unsuitable Extinguishing Media: Not applicable. Subject to surroundings
Special hazards of product: Not known
Protective fire fighting equipment: None required
### 6. Accidental release measures

**Personal Precautions Spillage:** Wear rubber gloves and protective clothing  
**Spillages:** Contain liquid with paper towels, which should subsequently be incinerated. Disinfect site of spillage  
**Environmental precautions:** Try to prevent the material from entering drains or water courses

### 7. Handling and Storage

**Handling:** Wear rubber gloves and protective clothing  
**Storage:** Storage temperature should be controlled to between 2 and 8°C. Store in the original container securely closed. Keep away from foodstuffs

### 8. Exposure Controls / Personal Protection

**Respiratory Protection:** Good local ventilation  
**Hand Protection:** Wear suitable gloves, e.g. latex or plastic gloves  
**Eye Protection:** Not required

### 9. Physical and Chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical State:</strong></td>
<td>Liquid</td>
</tr>
<tr>
<td><strong>Colour:</strong> Somatic (O): Blue</td>
<td>Blue</td>
</tr>
<tr>
<td>Flagellar (H): Red</td>
<td></td>
</tr>
<tr>
<td><strong>Odour:</strong></td>
<td>Odourless</td>
</tr>
<tr>
<td><strong>pH:</strong></td>
<td>8.0 – 8.4</td>
</tr>
<tr>
<td><strong>Flash Point (°C):</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Solubility in water (kg/m³):</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Vapour Pressure (kPa):</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Density (kg/m³):</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Viscosity:</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Decomposition Temperature (°C):</strong></td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

### 10. Stability and Reactivity

**Chemical Stability:** Stable under normal temperatures and pressures.  
**Materials to avoid:** Not known when used appropriately  
**Hazardous decomposition products:** Not known  
**Hygiene measures:** Wash hands before breaks and after work. Do not eat, drink or smoke in the workplace

### 11. Toxicological Information

**Acute Toxicity:** Under normal circumstances and use, these products are unlikely to be acutely toxic  
**Skin sensitisation:** Under normal circumstances and use, these products are unlikely to sensitise skin
12. Ecological Information

Mobility: The product is freely miscible with water
Persistence/Degradability: Some of the ingredients are expected to be resistant to biodegradation
Bio-accumulation: Not very likely

13. Disposal

Product Disposal: This material will be classified as ‘biological waste’ under the COPA (Special Waste) Regulations 1980 and must be disposed of in accordance with those regulations
Container Disposal: Empty containers may contain hazardous residues. Containers shall be disposed of by incineration as soon as possible

14. Transport Information

UN Number: None assigned
UN Proper Shipping Name: Not applicable
ADR/RID – Class: Non Hazardous
IMDG – Packaging Group: Not applicable
IMDG – Class: Non Hazardous
IATA Packaging Group: Not applicable
IATA – Class: Non Hazardous

15. Labelling Information

R phrases: None
S phrases: None

16. Other Information

MSDS first issued: 01 July 2013
MSDS data revised: Not applicable
Uses and restrictions: Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customers’ responsibility to ensure that a suitable and sufficient assessment of the risks created by the use of the product is undertaken. The use of the reagent and the interpretation of results must be carried out by properly trained and qualified personnel in accordance with the requirements of the country where the reagent is in use. This product is intended for in vitro diagnostic use only

Not for use in humans

SI 1993/1746: Chemicals (Hazard Information and Packaging) Regulations, 1993
SI 1988/1657: The Control of Substances Hazardous to Health Regulation