Section 1. Chemical Product and Company Identification

Product No. R30956601
Trade name E. coli type O18c: K77 (B21) Agglutinating Sera
Manufacturer Oxoid Limited
Wade Road
Basingstoke
Hants RG24 8PW
ENGLAND
Tel: + 44 (0)1256 841144
Fax: + 44 (0)1256 463388

Supplier Oxoid Limited
Wade Road
Basingstoke
Hants RG24 8PW
ENGLAND
Tel: + 44 (0)1256 841144
Fax: + 44 (0)1256 463388

Section 2. Hazards Identification

Most Important Hazards Not classified as hazardous. This product is for in vitro diagnostic use only.

Human health hazards - Eyes Specimen material may contain pathogenic organisms. Handle with the appropriate precautions.
Human health hazards - Skin This product may irritate eyes upon contact.
Human health hazards - Ingestion Material may cause slight irritation on prolonged or repeated contact.

Section 3. Composition, Information on Ingredients

Preparation - Hazardous ingredients (Europe)

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Concentration</th>
<th>Classification</th>
<th>Risk Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>203-632-7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>1310-73-2</td>
<td>&lt; 0.5 % w/v</td>
<td>C - Corrosive.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>215-185-5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

First Aid - Eyes Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.
First Aid - Skin Wash skin with soap and water.
First Aid - Ingestion Wash out mouth with water. Have victim drink 1-3 glasses of water to dilute stomach contents.
First Aid - Inhalation Remove from exposure. Seek medical attention if you feel unwell.

Section 5. Fire Fighting Measures

Extinguishing Media - Suitable Not combustible. Use extinguishing media suitable for surrounding materials.
E. coli type O18c: K77 (B21) Agglutinating Sera

SAFETY DATA SHEET

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Section 6. Accidental Release Measures

**Personal Precautions**
Wear appropriate protective clothing. Safety glasses or chemical goggles to EN166, 167 and 168. Disposable vinyl gloves.

**Spill**
Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Section 7. Handling and Storage

**Handling**
Avoid contact with eyes, skin and clothing.

**Storage**
Store in a refrigerator at 2 to 8 °C (36 to 46° F).

Section 8. Exposure Controls, Personal Protection

**Protective Measures - Respiratory**
None required; however, use of adequate ventilation is good industrial practice.

**Protective Measures - Hands**
Disposable vinyl gloves.

**Protective Measures - Eyes**
Recommended: Safety glasses or chemical goggles to EN166, 167 and 168.

**Protective Measures - Body**
Lab coat.

Section 9. Physical and Chemical Properties

**Physical state**
Liquid.

**Colour**
Amber. Pale Amber.

**pH**
6.6 - 6.8

**Solubility - Water**
Soluble

**Flammability**
Not combustible.

Section 10. Stability and Reactivity

**Stability**
Stable under recommended storage and handling conditions (see section 7).

**Hazardous decomposition products**
carbon oxides (CO, CO2) nitrogen oxides (NO, NO2...) Hydrogen Bromide

Section 11. Toxicological Information

**Acute toxicity**
Low order of acute toxicity.
Oral LD50 (rat) > 2000 mg/kg.
Dermal LD50 (rabbit) > 2000 mg/kg.
Inhalation LC50 (rat) > 20 mg/litre/4h.

**Eye irritation**
The degree of irritation was insufficient to warrant labelling as an eye irritant.

**Skin irritation**
The degree of irritation was insufficient to warrant labelling as a skin irritant.

Section 12. Ecological Information

**Ecotoxicity**
No relevant studies identified.
## Section 13. Disposal Considerations

<table>
<thead>
<tr>
<th>Disposal considerations</th>
<th>Non-hazardous waste</th>
<th>Dispose of according to all federal, state and local applicable regulations.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Container information</td>
<td>Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate.</td>
<td></td>
</tr>
</tbody>
</table>

## Section 14. Transport Information

| UN : UN number          | Not regulated. |

## Section 15. Regulatory Information

<table>
<thead>
<tr>
<th>EC Classification</th>
<th>This preparation is not classified as dangerous according to the EC Directive 88/379/EEC.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regulatory Lists (United States)</td>
<td>Not on TSCA list.</td>
</tr>
<tr>
<td>United States - Classification</td>
<td>Not classified.</td>
</tr>
<tr>
<td>Regulatory Lists (Canada)</td>
<td>No products were found.</td>
</tr>
<tr>
<td>WHMIS (Classification)</td>
<td>Not controlled under WHMIS (Canada).</td>
</tr>
</tbody>
</table>

## Section 16. Other Information

| MSDS first issued | 08/03/2005 |
| MSDS data revised | 04/09/2009 |
| Revisions Highlighted | Date of issue |
| Notes | Classification and labelling have been performed according to EU directives 67/548/EEC, 1999/45/EC, including amendments and the intended use. |