Section 1. Chemical Product and Company Identification

Product No.  
R30160501

Trade name  
Salmonella H d 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.

Specimen material may contain pathogenic organisms. Handle with the appropriate precautions.

This product may irritate eyes upon contact.

Human health hazards - Eyes  
Material may cause slight irritation on prolonged or repeated contact.

Human health hazards - Ingestion  
A large dose may have the following effects: diarrhoea, nausea, vomiting.

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>Sodium Hydroxide</td>
<td>1310-73-2</td>
<td>&lt; 0.5 % w/v</td>
<td>C - Corrosive.</td>
<td>R35- Causes severe burns.  R26/27/28- Very toxic by inhalation, in contact with skin and if swallowed.  R33- Danger of cumulative effects.</td>
</tr>
<tr>
<td></td>
<td>215-185-5</td>
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</tr>
<tr>
<td>Thiomersal</td>
<td>54-64-8</td>
<td>0.02 % w/v</td>
<td>T+ - Very toxic. N - Dangerous to the Environment.</td>
<td>R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</td>
</tr>
<tr>
<td></td>
<td>200-210-4</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.
SAFETY DATA SHEET
Salmonella H d Agglutinating Sera

Section 5. Fire Fighting Measures

Extinguishing Media  -  Suitable
Not combustible. Use extinguishing media suitable for surrounding materials.

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

Occupational Exposure Limits (Preparation) - Europe
Sodium Hydroxide
UK EH40: OES 2 mg/m³ 15min STEL.
Thiomersal (Merthiolate)
UK EH40: OES 0.025 mg/m³ 8hr TWA. As Hg.

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.

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## Section 13. Disposal Considerations

**Disposal considerations**
Non-hazardous waste Dispose of according to all federal, state and local applicable regulations.

**Container information**
Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate.

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## Section 14. Transport Information

**UN : UN number**
Not regulated.

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## Section 15. Regulatory Information

**EC Classification**
This preparation is not classified as dangerous according to the EC Directive 88/379/EEC.

**Regulatory Lists (United States)**
Not on TSCA list.

**United States - Classification**
Not classified.

**Regulatory Lists (Canada)**
No products were found.

**WHMIS (Classification)**
Not controlled under WHMIS (Canada).

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## Section 16. Other Information

**MSDS first issued**
09/03/2005

**MSDS data revised**
10/09/2009

**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.