SAFETY DATA SHEET
TRIPLE SUGAR IRON AGAR

Date of issue - 11/09/2009. R454982

Section 1. Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Product No.</th>
<th>R454982</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade name</td>
<td>TRIPLE SUGAR IRON AGAR</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>Oxoid Limited</td>
</tr>
<tr>
<td></td>
<td>Wade Road</td>
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<tr>
<td></td>
<td>Basingstoke</td>
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<tr>
<td></td>
<td>Hants RG24 8PW</td>
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<tr>
<td></td>
<td>ENGLAND</td>
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<tr>
<td></td>
<td>Tel: + 44 (0)1256 841144</td>
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<tr>
<td></td>
<td>Fax: + 44 (0)1256 463388</td>
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</tbody>
</table>

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.

Human health hazards - Eyes
May cause slight transient irritation.

Human health hazards - Skin
May cause irritation.

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

Human health hazards - Inhalation
Moderately irritating to the respiratory system.

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>Sucrose</td>
<td>57-50-1</td>
<td>14.90 % w/w</td>
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<td></td>
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<tr>
<td></td>
<td>200-334-9</td>
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<tr>
<td>Iron (III) Citrate</td>
<td>3522-50-7</td>
<td>0.45 % w/w</td>
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<tr>
<td></td>
<td>222-536-6</td>
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<td></td>
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</tbody>
</table>

Section 4. First Aid Measures

First Aid - Eyes
In case of contact with eyes, rinse immediately with a copious amount of water. If irritation persists, get medical attention.

First Aid - Skin
Wash contaminated skin with soap and water.

First Aid - Ingestion
Avoid hand to mouth contact. If ingested, seek medical advice. Have victim drink 1-3 glasses of water to dilute stomach contents.

First Aid - Inhalation
If inhaled, remove to fresh air.

Section 5. Fire Fighting Measures

Extinguishing Media - Suitable
Use dry chemicals, CO2, water spray or foam.

Section 6. Accidental Release Measures

Personal Precautions
Wear disposable gloves, dust mask to EN149 FFP2S and eye protection.

Spill
Vacuum or sweep up material and place in a designated labelled waste container. Use a water rinse for final cleanup.
Section 7. Handling and Storage

Handling  Do not breathe dust. Avoid contact with eyes, skin and clothing.
Storage  Store at room temperature. Keep well closed and protected from direct sunlight and moisture.

Section 8. Exposure Controls, Personal Protection

Occupational Exposure Limits (Preparation) - Europe
Sucrose  UK EH40: OES 10mg/m3 8hr TWA.
Iron salts (as Fe):  UK EH40: OES 1mg/m3 8hr TWA.
UK EH40: OES 2mg/m3 15min STEL.

Protective Measures - Hands  Disposable vinyl gloves.
Protective Measures - Eyes  Safety glasses or chemical goggles to EN166, 167 and 168.
Protective Measures - Body  Lab coat.

Section 9. Physical and Chemical Properties

Physical state  Powder.
Colour  Pink
pH  7.2 - 7.6

Section 10. Stability and Reactivity

Stability  Hygroscopic. Stable under recommended storage and handling conditions (see section 7).
Conditions to Avoid  Exposure to direct sunlight.

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  May cause slight transient irritation.
Skin irritation  May cause irritation.

Section 12. Ecological Information

Ecotoxicity  No specific data.

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 classified.
ADR/RID : Class  Not controlled under ADR (Europe).

Section 15. Regulatory Information

Risk Phrases  Not applicable.
Safety Phrases  Avoid contact with skin and eyes.
EC Classification  This product is not classified according to the EU regulations.

Section 16. Other Information

MSDS first issued  10/11/2005
MSDS data revised  11/09/2009
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.