Section 1. Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Product No.</th>
<th>CM0307</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade name</td>
<td>LYSINE DECARBOXYLASE BROTH</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>Oxoid Limited</td>
</tr>
<tr>
<td></td>
<td>Wade Road</td>
</tr>
<tr>
<td></td>
<td>Basingstoke</td>
</tr>
<tr>
<td></td>
<td>Hants RG24 8PW</td>
</tr>
<tr>
<td></td>
<td>ENGLAND</td>
</tr>
<tr>
<td></td>
<td>Tel: + 44 (0)1256 841144</td>
</tr>
<tr>
<td></td>
<td>Fax: + 44 (0)1256 463388</td>
</tr>
<tr>
<td>Supplier</td>
<td>Oxoid Limited</td>
</tr>
<tr>
<td></td>
<td>Wade Road</td>
</tr>
<tr>
<td></td>
<td>Basingstoke</td>
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<td></td>
<td>Fax: + 44 (0)1256 463388</td>
</tr>
<tr>
<td>Emergency telephone number</td>
<td>CareChem24: + 44 (0)1865 407333</td>
</tr>
</tbody>
</table>

Section 2. Hazards Identification

Most Important Hazards
Not classified as hazardous.

Human health hazards - Eyes
May cause slight transient irritation.

Human health hazards - Skin
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.

Human health hazards - Inhalation
Exposure to dust at high concentrations may have the following effects:- irritation of nose, throat and respiratory tract.

Section 3. Composition, Information on Ingredients

Hazardous ingredients
This preparation does not contain any substances presenting a health hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

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
Use water spray, foam, dry chemical or carbon dioxide.

Section 6. Accidental Release Measures

Personal Precautions
Wear appropriate protective clothing.

Spill
Sweep up into suitable containers for recovery or disposal. Finally flush area with plenty of water.
SAFETY DATA SHEET
LYSINE DECARBOXYLASE BROTH

Date of issue - 15/06/2010.
CM0307

Section 7. Handling and Storage

Handling
Avoid inhaling 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

Protective Measures - Respiratory
Recommended: Approved/certified disposable particulate dust mask.

Protective Measures - Hands
Disposable vinyl gloves.

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

Section 9. Physical and Chemical Properties

Physical state
Powder.

Colour
Straw

pH
5.9 - 6.3

Section 10. Stability and Reactivity

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

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
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

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.

Section 14. Transport Information

UN : UN number
Not classified.
## Section 15. Regulatory Information

<table>
<thead>
<tr>
<th>Risk Phrases</th>
<th>Not applicable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Phrases</td>
<td>Avoid contact with skin and eyes.</td>
</tr>
<tr>
<td>EC Classification</td>
<td>Not classified.</td>
</tr>
</tbody>
</table>

## Section 16. Other Information

| MSDS first issued     | 03/08/2004       |
| MSDS data revised     | 15/06/2010       |
| 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. |