1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

<table>
<thead>
<tr>
<th>Product name</th>
<th>Reductiomycin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product code</td>
<td>GA7036</td>
</tr>
<tr>
<td>CAS number</td>
<td>68748-55-0</td>
</tr>
</tbody>
</table>

1.2 Relevant identified uses of the substance or mixture and uses advised against

PC21: Laboratory chemicals.

1.3 Details of the supplier of the safety data sheet

<table>
<thead>
<tr>
<th>Company name</th>
<th>Glentham Life Sciences Ltd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telephone</td>
<td>+44 (0) 1225 667 798</td>
</tr>
<tr>
<td>Fax</td>
<td>+44 (0) 2033 978 909</td>
</tr>
<tr>
<td>Edinburgh Way</td>
<td></td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:info@glentham.com">info@glentham.com</a></td>
</tr>
<tr>
<td>Corsham SN13 9XN</td>
<td></td>
</tr>
<tr>
<td>Web</td>
<td><a href="http://www.glentham.com">www.glentham.com</a></td>
</tr>
<tr>
<td>United Kingdom</td>
<td></td>
</tr>
</tbody>
</table>

1.4 Emergency telephone number

Emergency telephone number: +44 (0) 1225 667 798 (09.00 - 17.00 GMT)

1.5 REACH

A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

2. Hazards identification

2.1 Classification of the substance or mixture

Classification under CLP

Acute Oral Tox. 4, Acute Derm. Tox. 4, Eye Irrit. 2.

2.2 Label elements

Label elements under CLP

Pictograms

<table>
<thead>
<tr>
<th>Signal words</th>
<th>Hazard statements</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Harmful if swallowed.</td>
</tr>
<tr>
<td></td>
<td>Harmful in contact with skin.</td>
</tr>
<tr>
<td></td>
<td>Causes serious eye irritation.</td>
</tr>
</tbody>
</table>

Precautionary statements

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other hazards

PBT

This substance is not identified as a PBT substance.

3.0 Composition/information on ingredients

3.1 Substances

<table>
<thead>
<tr>
<th>Product name</th>
<th>Reductiomycin</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number</td>
<td>68748-55-0</td>
</tr>
</tbody>
</table>

MW: 293.3

MF: C14H15NO6

4.0 First aid measures

4.1 Description of first aid measures

Skin contact

Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact

Bathe the eye with running water for 15 minutes. Consult a doctor.
4.2 **Most important symptoms and effects, both acute and delayed**

- **Skin contact**
  There may be irritation and redness at the site of contact.

- **Eye contact**
  There may be irritation and redness. There may be pain and redness. The eyes may water profusely.

- **Ingestion**
  There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

- **Inhalation**
  There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects**
Immediate effects can be expected after short-term exposure.

4.3 **Indication of any immediate medical attention and special treatment needed**

- **Immediate / special treatment**
  Eye bathing equipment should be available on the premises. Not applicable.

---

5.0 **Fire-fighting measures**

5.1 **Extinguishing media**
Suitable extinguishing media for the surrounding fire should be used.

5.2 **Special hazards arising from the substance or mixture**

- **Exposure hazards**
  In combustion emits toxic fumes.

5.3 **Advice for fire-fighters**
Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

---

6.0 **Accidental release measures**

6.1 **Personal precautions, protective equipment and emergency procedures**

- **Personal precautions**
  Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not create dust.

- **Environmental precautions**
  Do not discharge into drains or rivers.

6.3 **Methods and material for containment and cleaning up**

- **Clean-up procedures**
  Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.3 **Reference to other sections**
Refer to section 8 of SDS.

---

7.0 **Handling and storage**

7.1 **Precautions for safe handling**

- **Handling requirements**
  Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air. Avoid direct contact with the substance.

7.2 **Conditions for safe storage, including any incompatibilities**

- **Storage conditions**
  Store in cool, well ventilated area. Keep container tightly closed. Avoid contact with water or humidity.

7.3 **Specific end use(s)**
No data available.

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8.0 **Exposure controls/personal protection**
8.1 Control parameters
Workplace exposure limits
Not applicable.

8.2 Exposure controls
Engineering measures
Ensure there is sufficient ventilation of the area.

Respiratory protection
Respiratory protective device with particle filter. Self-contained breathing apparatus must be available in case of emergency.

Hand protection
Protective gloves.

Eye protection
Safety glasses. Ensure eye bath is to hand.

Skin protection
Protective clothing.

9.0 Physical and chemical properties

9.1 Information on basic physical and chemical properties
Physical Form:
Colour:

9.2 Other information
Not applicable.

10.0 Stability and reactivity

10.1 Reactivity
Stable under recommended transport or storage conditions.

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
Hazardous reactions
Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to avoid
Heat.

10.5 Incompatible materials
Materials to avoid
Strong acids. Strong oxidising agents.

11.0 Toxicological information

11.1 Information on toxicological effects
Toxicity values
Not applicable.

11.2 Information on toxicological effects
Skin contact
There may be irritation and redness at the site of contact.

Eye contact
There may be irritation and redness. There may be pain and redness. The eyes may water profusely.

Ingestion
There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation
There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects
Immediate effects can be expected after short-term exposure.

Other information
12.0 Ecological information
12.1 Toxicity
Not applicable.

12.2 Persistence and degradability
Biodegradable.

12.3 Bioaccumulative potential
No bioaccumulation potential.

12.4 Mobility in soil
Readily absorbed into soil. No data available.

12.5 Results of PBT and vPvB assessment
This substance is not identified as a PBT substance.

12.6 Other adverse effects
Negligible ecotoxicity.

13.0 Disposal considerations
13.1 Waste treatment methods
Disposal operations
Transfer to a suitable container and arrange for collection by specialised disposal company.

NB
The user’s attention is drawn to the possible existence of regional or national regulations regarding disposal.

14.0 Transport information
This product does not require a classification for transport.

15.0 Regulatory information
Safety, health and environmental regulations/legislation specific for the substance or mixture
Not applicable.

Chemical Safety Assessment
A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16.0 Other information
Other information
This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Legal disclaimer
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.