

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

### 1.1 Product identifier

Product name : 4-O-(a-D-Mannopyranosyl)-D-mannose  
Product code : GC8627  
CAS number : 35438-40-5

### 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

Company name	: Glentham Life Sciences Ltd	Telephone	: +44 (0) 1225 667 798
	Unit 5 Leaffield Way	Fax	: +44 (0) 2033 978 909
	Corsham SN13 9SW	Email	: <a href="mailto:info@glentham.com">info@glentham.com</a>
	United Kingdom	Web	: <a href="http://www.glentham.com">www.glentham.com</a>

### 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

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### 2.2 Label elements

Label elements under CLP

**Signal words**

**Hazard statements**

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**Precautionary statements**

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### 2.3 Other hazards

PBT

This substance is not identified as a PBT substance.

## 3.0 Composition/information on ingredients

### 3.1 Substances

Product name	: 4-O-(a-D-Mannopyranosyl)-D-mannose	MW:	342.30
CAS number	: 35438-40-5	MF:	C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>

## 4.0 First aid measures

### 4.1 Description of first aid measures

**Skin contact**

Wash immediately with plenty of soap and water.

**Eye contact**

Bathe the eye with running water for 15 minutes.

**Ingestion**

Wash out mouth with water.

**Inhalation**

Consult a doctor.

### 4.2 Most important symptoms and effects, both acute and delayed

**Skin contact**

There may be mild irritation at the site of contact.

**Eye contact**

There may be irritation and redness.

**Ingestion**

There may be irritation of the throat.

#### Inhalation

There may be irritation of the throat with a feeling of tightness in the chest.

#### 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

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.

#### 6.2 Environmental precautions

Do not discharge into drains or rivers.

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

##### Clean-up procedures

Wash the spillage site with large amounts of water.

#### 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

Avoid the formation or spread of dust in the air.

#### 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.

### 8.0 Exposure controls/personal protection

#### 8.1 Control parameters

##### Workplace exposure limits

Not applicable.

#### 8.2 Exposure controls

##### Engineering measures

Not applicable.

##### Respiratory protection

Respiratory protective device with particle filter.

##### Hand protection

Protective gloves.

##### Eye protection

Safety glasses. Ensure eye bath is to hand.

Skin protection

Protective clothing.

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## 9.0 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical Form: Powder

Colour: White

### 9.2 Other information

Not applicable.

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## 10.0 Stability and reactivity

### 10.1 Reactivity

### 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.

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## 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 mild irritation at the site of contact.

#### Eye contact

There may be irritation and redness.

#### Ingestion

There may be irritation of the throat.

#### Inhalation

There may be irritation of the throat with a feeling of tightness in the chest.

#### Delayed / immediate effects

Immediate effects can be expected after short-term exposure.

#### Other information

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## 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

No data available.

### 12.5 Results of PBT and vPvB assessment

This substance is not identified as a PBT substance.

**12.6 Endocrine disrupting properties**

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.