# Safety Data Sheet

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

### 1.1 Product identifier

Product name : Ascolactone
Product code : GL7015
CAS number : 757995-43-0

### 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
Unit 5 Leafield Way
Corsham SN13 9SW
United Kingdom

Telephone : +44 (0) 1225 667 798
Fax : +44 (0) 2033 978 909
Email : info@glentham.com
Web : www.glentham.com

### 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. 2, Acute Derm. Tox. 2, Acute Inha. Tox. 4, Eye Irrit. 2.

### 2.2 Label elements

**Label elements under CLP**

**Pictograms**



**Signal words** Danger

**Hazard statements**

H300 Fatal if swallowed.
H310 Fatal in contact with skin.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.

**Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302 + P350 IF ON SKIN: Gently 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

Product name : Ascolactone
CAS number : 757995-43-0

MW: 286.4
MF : $C_{16}H_{30}O_4$

## 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. Transfer to hospital if there are burns or symptoms of poisoning.

**Eye contact**

Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion**

Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If unconscious and breathing is OK, place in the recovery position. Consult a doctor. Transfer to hospital as soon as possible.

**Inhalation**

Remove casualty from exposure ensuring one's own safety whilst doing so. If conscious, ensure the casualty sits or lies down. If unconscious and breathing is OK, place in the recovery position. If unconscious, check for breathing and apply artificial respiration if necessary. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

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

**Skin contact**

There may be mild irritation at the site of contact. There may be redness or whiteness of the skin in the area of exposure. Irritation or pain may occur at the site of contact. Absorption through the skin may be fatal.

**Eye contact**

There may be pain and redness. There may be severe pain. The eyes may water profusely. The vision may become blurred. May cause permanent damage.

**Ingestion**

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

**Inhalation**

There may be irritation of the throat with a feeling of tightness in the chest. There may be shortness of breath with a burning sensation in the throat. There may be loss of consciousness. Convulsions may occur. Absorption through the lungs can occur causing symptoms similar to those of ingestion.

**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**

Show this safety data sheet to the doctor in attendance. Immediate medical attention is required. Eye bathing equipment should be available on the premises.

## 5.0 Fire-fighting measures

**5.1 Extinguishing media**

Use water spray to cool containers. Suitable extinguishing media for the surrounding fire should be used.

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

**Exposure hazards**

Toxic. 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**

Notify the police and fire brigade immediately. 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 attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust.

**6.2 Environmental precautions**

Do not discharge into drains or rivers.

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

**Clean-up procedures**

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

**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. Ensure there is exhaust ventilation of the area. 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.

## 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. Ensure there is exhaust ventilation of the area.

**Respiratory protection**

Respiratory protective device with particle filter. Particle filter class P1 (EN143). Self- contained breathing apparatus must be available in case of emergency.

**Hand protection**

Protective gloves. Impermeable gloves.

**Eye protection**

Safety glasses with side-shields. Tightly fitting safety goggles. 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**

**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**

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**Delayed / immediate effects**

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**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 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

**14.1 UN number**

UN3462

**14.2 UN proper shipping name**

Toxins, extracted from living sources, solid, n.o.s. (Ascolactone)

**14.3 Transport hazard class(es)**

6.1

**14.4 Packing group**

III

**14.5 Environmental hazards**

N/A

**14.6 Special precautions for user**

No special precautions.

## 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.