

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

#### 1.1 Product identifier

Product name : Propylene glycol, Ultrapure, 99.5%, BP, Ph. Eur., USP grade  
Product code : GK3409  
CAS number : 57-55-6  
EINECS : 200-338-0

#### 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 | Telephone | : +44 (0) 1225 667 798 |
|              | Unit 5 Leafield Way          | Fax       | : +44 (0) 2033 978 909 |
|              | Corsham SN13 9SW             | Email     | : info@glentham.com    |
|              | United Kingdom               | 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.

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### 2. Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification under CLP

This product has no classification under CLP.

#### 2.2 Label elements

##### Label elements under CLP

This product has no label elements.

#### 2.3 Other hazards

##### PBT

This substance is not identified as a PBT substance.

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### 3.0 Composition/information on ingredients

#### 3.1 Substances

|              |   |             |
|--------------|---|-------------|
| Product name | : Propylene glycol, Ultrapure, 99.5%, BP, Ph. Eur., USP grade | MW: 76.10   |
| CAS number   | : 57-55-6   | MF : C3H8O2 |
| EINECS       | : 200-338-0   |             |

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### 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**

No symptoms.

**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.

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**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**

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.

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**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. Turn leaking containers leak-side up to prevent the escape of liquid.

**6.2 Environmental precautions**

Do not discharge into drains or rivers. Contain the spillage using bunding.

**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.

**6.3 Reference to other sections**

Refer to section 8 of SDS.

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**7.0 Handling and storage****7.1 Precautions for safe handling****Handling requirements****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****Respiratory protection**

Respiratory protection not required.

**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: Liquid  
Colour: Colourless  
Relative Density: 1.036 [g/cm<sup>3</sup>]

#### 9.2 Other information

Not applicable.

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### 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.

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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

No symptoms.

##### 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

Readily absorbed into soil.

#### 12.5 Results of PBT and vPvB assessment

This substance is not identified as a PBT substance.

12.6 Other adverse effects  
Negligible ecotoxicity.

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**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.

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**14.0 Transport information**

This product does not require a classification for transport.

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**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.

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**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.