GK2306 v3.0

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### Safety Data Sheet

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#### According to REACH Regulations (EC) 1907/2006 and (EU) 2020/878

| Identification of th  | Identification of the substance/mixture and of the company/undertaking   |                                  |                     |  |
|---|--|----------------------------------|---------------------|--|
| Product identifier  |  |                                  |                     |  |
| Product code<br>Product name<br>CAS number<br>EINECS<br>Physical form<br>REACH  | <ul> <li>GK2306</li> <li>Methyl 3,3-dimethoxypropional</li> <li>7424-91-1</li> <li>231-055-0</li> <li>liquid, substance</li> <li>A registration number is not av<br/>are exempted from registration<br/>the registration is envisaged for</li> </ul> | ailable for this sul             | age does no         | t require a registration or                                      |
| Relevant identifie  | d uses of the substance or mixture an  | ıd uses advised a                | gainst              |  |
| PC21: Laboratory  | chemicals.   |                                  |                     |  |
| Details of the sup  | plier of the safety data sheet   |                                  |                     |  |
| Company name  | : Glentham Life Sciences Ltd<br>Unit 5 Leafield Way<br>Corsham SN13 9SW<br>United Kingdom  | Telephone<br>Fax<br>Email<br>Web | : +44 (0<br>: info@ | ) 1225 667 798<br>) 2033 978 909<br>glentham.com<br>glentham.com |
| Emergency teleph  | one number   |                                  |                     |  |
| Emergency teleph<br>number  | one : NHS Direct 111 (UK, 24 hours   | ), 112 (EU, 24 Ho                | urs), +44 (0)       | 1225 667 798 (09.00 – 17.00 GMT)                                 |
| Hazards identifica  | tion   |                                  |                     |  |
| Classification of t   | he substance or mixture  |                                  |                     |  |
|   |  |                                  |                     |  |
| Classification under Cl   | LP according to (EC) 1272/2008   |                                  |                     |  |
| Classification under Cl<br>This product has r   | LP according to (EC) 1272/2008<br>no classification under CLP.   |                                  |                     |  |
| Classification under Cl<br>This product has r<br>Label elements   | no classification under CLP.   |                                  |                     |  |
| Classification under Cl<br>This product has r<br>Label elements<br>Label elements under d   | no classification under CLP.<br>CLP according to (EC) 1272/2008  |                                  |                     |  |
| Classification under Cl<br>This product has r<br>Label elements<br>Label elements under d<br>This product has r   | no classification under CLP.<br>CLP according to (EC) 1272/2008  |                                  |                     |  |
| Classification under Cl<br>This product has r<br>Label elements<br>Label elements under d<br>This product has r<br>Other hazards  | no classification under CLP.<br>CLP according to (EC) 1272/2008  |                                  |                     |  |
| Classification under Cl<br>This product has r<br>Label elements<br>Label elements under d<br>This product has r<br>Other hazards<br>PBT   | no classification under CLP.<br>CLP according to (EC) 1272/2008<br>no label elements.  |                                  |                     |  |
| Classification under Cl<br>This product has r<br>Label elements<br>Label elements under o<br>This product has r<br>Other hazards<br>PBT   | no classification under CLP.<br>CLP according to (EC) 1272/2008  |                                  |                     |  |
| Classification under Cl<br>This product has r<br>Label elements<br>Label elements under o<br>This product has r<br>Other hazards<br>PBT<br>This substance is                      | no classification under CLP.<br>CLP according to (EC) 1272/2008<br>no label elements.  |                                  |                     |  |
| Classification under Cl<br>This product has r<br>Label elements<br>Label elements under o<br>This product has r<br>Other hazards<br>PBT<br>This substance is                      | no classification under CLP.<br>CLP according to (EC) 1272/2008<br>no label elements.<br>not identified as a PBT substance.  |                                  |                     |  |
| Classification under Cl<br>This product has r<br>Label elements<br>Label elements under d<br>This product has r<br>Other hazards<br>PBT<br>This substance is<br>Composition/infor | no classification under CLP.<br>CLP according to (EC) 1272/2008<br>no label elements.<br>not identified as a PBT substance.  | ntifier                          | %                   | Classification   |

#### 4. First aid measures

| 4.1 | Description of first aid measures |   |  |
|-----|-----------------------------------|---|--|
|     | Skin contact                      | Wash immediately with plenty of soap and water. |  |
|     | Eve contact                       | Daths the ave with running water for 15 minutes |  |

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| Eye context         There may be irritation of the throat.           Impestion         There may be irritation of the throat.           Interface         There may be irritation of the throat with a feeling of lightness in the chest.           Delivyd Immediate         Immediate effects can be expected after short-term exposure.           Indication of any Immediate modical attention and special treatment needed         Immediate / special treatment           No data available.         Extinguishing media           Suitable extinguishing media for the surrounding fire should be used.         Special hazards arising from the substance or mixture           Exposure hazards         In combustion emits toxic furmes.         Advice for fire-fightors           Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.         Advice for fire-fightors           Personal proceations, protective equipment and emergency procedures         Personal proceations           Refer to section 8 of SDS for personal protection details.         Environmental precations           Do not discharge into drains or rivers.         Methods and material for containment and cleaning up           Cleanup procedures         Refer to section 8 of SDS.           Precutions for safe handling         Refer to section 8 of SDS.           Mathing and atorage         Refer to section 8 of SDS.           Precutions for safe handling         Refer t   | Skin contact                   | There may be mild irritation at the site of contact.                                  |
|--|--------------------------------|---|
| Initialities         There may be irritation of the throat with a feeling of tightness in the chest.           Deteyd of immediate         Immediate effects can be expected after short-term exposure.           Indication of any immediate modical attention and special treatment needed         Immediate special treatment           No data available.         Fire-fighting measures         Immediate modical attention and special treatment needed           Suitable extinguishing media         Fire-fighting measures         Immediate information of the surrounding fire should be used.           Special hazards arising from the substance or mixture         Exposure hazards         Immediate fighting media           In combustion emits toxic furmes.         Advice for fire-fighting to prevent contact with skin and eyes. Wear self-contained breathing apparatus.           Accidental release measures         Personal precautions, protective equipment and emergency procedures           Personal precautions         Refer to section 8 of SDS for personal protection details.           Environmental precautions         Methods and material for containment and cleaning up           Clean-up procedures         Refer to section 8 of SDS.           Vash the spillage site with large amounts of water.         Reference to action as of SDS.           Herding and storage         Precautions for safe handling           Mading regiments         Avoid contact with water or humidity. Keep container tighty closed. Store in cool, well v   | Eye contact                    | There may be irritation and redness.  |
| Detword / immediate       Immediate effects can be expected after short-term exposure.         Indication of any immediate medical attention and special treatment needed         Immediate / special treatment         No data available.         Fire-fighting measures         Suitable extinguishing media         Special hazards arising from the substance or mixture         Exposure hazards         In combustion emits toxic furmes.         Advice for fire-fightors         Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.         Accidental release measures         Personal precautions, protective equipment and emergency procedures         Personal precautions         Prevent precautions         Prevent precautions         On not discharge into drains or fivers.         Addres and material for containment and cleaning up         Grand and contary or duration or special or dust in the air.         Advice for a factose         Refer to section 8 of SDS.         Precautions for safe adording to         Maining requirements         Avait to starge anomultis of water:  | Ingestion                      | There may be irritation of the throat.  |
| efficie indication of any immediate medical attention and special treatment needed immediate / special treatment No data available.  Fire-fighting measures Extinguishing media Suitable extinguishing media for the surrounding fire should be used. Special hazards arising from the substance or mixture Exposure hazards In combustion emits toxic furmes. Advice for fire-fighters Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.  Accidental release measures Personal precautions Personal precautions Personal precautions Personal precautions Do not discharge into drains or rivers.  Methods and material for containment and cleaning up Clean.up procedures Refer to section 8 of SDS.  Handling and storage Precoutions for safe handling Handling requirements Avoid the formation or spread of dust in the air. Conditions for safe storage, including any incompatibilities Storage conditions Avoid contact with water or humidity. Keep container tightly closed. Store in cool, well ventilated area. Specific on use(s) No data available.  Exposure controls/personal protection Exposure for use(s) No data available.   | Inhalation                     | There may be irritation of the throat with a feeling of tightness in the chest.       |
| Immediate / special treatment         No data available.    Fire-fighting measures          Extinguishing media         Suitable extinguishing media for the surrounding fire should be used.         Special hazards arising from the substance or mixture         Exposure hazards         In combustion emits toxic furmes.         Advice of rise-fighters         Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.         Accidental release measures         Personal precautions, protective equipment and emergency procedures         Personal precautions         Refer to section 8 of SDS for personal protection details.         Environmental precautions         Or ont discharge into drains or rivers.         Methods and material for containment and cleaning up         Cose-up procedures         Wash the spillage site with large amounts of water.         Refer to section 8 of SDS.         Herding and storage         Proceutions for safe handling         Maining requirements         Avoid the formation or spread of dust in the air.         Conditions for safe storage, including any incompatibilities         Storage conditions         Avoid the formation         Avoid the formation:         Specific and use(s)   | Delayed / immediate<br>effects | Immediate effects can be expected after short-term exposure.                          |
| No data available.  Fire-fighting measures Extinguishing media for the surrounding fire should be used. Special hazards arising from the substance or mixture Experient hazards in combustion emits toxic furmes. Advice for fire-fighters Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.  Advice for fire-fighters Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.  Advice for fire-fighters Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.  Advice for fire-fighters Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.  Advice for fire-fighters Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.  Advice for fire-fighters Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.  Advice for fire-fighters Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.  Advice for fire-fighters Wear to clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.  Advice for fire-fighters Precedutions Refer to section 8 of SDS for personal protection details.  Fuends and material for containment and cleaning up Clean-up precedures Weash the spillage site with large amounts of water.  Refer to section 8 of SDS.  Hadling and storage Precutions for safe handling Namiling requirements Avoid the formation or spread of dust in the air.  Conditions for safe handling Avoid the formation or spread of dust in the air.  Conditions for safe storage, including any incompatibilities Storage conditions Avoid the formation or spread of dust in the air.  Conditions for safe storage, including any incompatibilities Storage conditions Avoid the formation or spread of dust in the air.  Conditions for safe storage, including the preversion Avoid the formation or spr | Indication of any imn          | nediate medical attention and special treatment needed                                |
| Fire-fighting measures         Extinguishing media         Suitable extinguishing media for the surrounding fire should be used.         Special hazards arising from the substance or mixture         Expoure haards         In combustion emits toxic furmes.         Advice for fire-fighters         Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.         Accidental release measures         Personal precautions, protective equipment and emergency procedures         Personal precautions         Refer to section 8 of SDS for personal protection details.         Environmental precautions         Do not discharge into drains or rivers.         Methods and material for containment and cleaning up         Clean-up precedures         Wash the spillage site with large amounts of water.         Refer to section 8 of SDS.         Handing and storage         Precautions for safe handing         Maining requirements         Avoid the formation or spread of dust in the air.         Conditions for safe storage, including any incompatibilities         Storage conditions         Avoid the formation or spread of dust in the air.         Conditions for safe actorage, including any incompatibilities         Storage conditions         Avoid contact with water o  | Immediate / special treatm     | ent   |
| Extinguishing media         Suitable extinguishing media for the surrounding fire should be used.         Special hazards arising from the substance or mixture         Exposure hazards         In combustion emilts toxic furmes.         Advice for fire-fighters         Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.         Accidental release measures         Personal precautions, protective equipment and emergency procedures         Personal precautions         Refer to section 8 of SDS for personal protection details.         Environmental precautions         Do not discharge into drains or rivers.         Methods and material for containment and cleaning up         Clean-up procedures         Wash the spillage site with large amounts of water.         Refer to section 8 of SDS.         Presenting requirements         Avoid the formation or spread of dust in the air.         Conditions for safe handling         Handling requirements         Avoid the formation or spread of dust in the air.         Conditions for safe storage, including any incompatibilities         Storage conditions         Avoid contact with water or humidity. Keep container tightly closed. Store in cool, well ventilated area.         Specific end use(s)         Not dat available. </td <td>No data available.</td> <td></td>   | No data available.             |   |
| Suitable extinguishing media for the surrounding fire should be used.         Special hazards arising from the substance or mixture         Exposure hazards         In combustion emits toxic furmes.         Advice for fire-fighters         Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.         Accidental release measures         Personal precautions, protective equipment and emergency procedures         Personal precautions         Refer to section 8 of SDS for personal protection details.         Environmental precautions         Do not discharge into drains or rivers.         Methods and material for containment and cleaning up         Clean-up procedures         Wash the spillage site with large amounts of water.         Refer to section 8 of SDS.         Handling and storage         Procautions for safe storage, including any incompatibilities         Storage conditions         Avoid the formation or spread of dust in the air.         Conditions for safe storage, including any incompatibilities         Storage conditions         Avoid contact with water or humidity. Keep container tightly closed. Store in cool, well ventilated area.         Specific end use(s)         No data available.  | Fire-fighting measure          | 35  |
| Special hazards arising from the substance or mixture         Exposure hazards         In combustion emits toxic fumes.         Advice for fire-fighters         Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.         Accidental release measures         Personal precautions, protective equipment and emergency procedures         Personal precautions         Refer to section 8 of SDS for personal protection details.         Environmental precautions         Do not discharge into drains or rivers.         Methods and material for containment and cleaning up         Clean-up procedures         Wash the spillage site with large amounts of water.         Refer to section 8 of SDS.         Handling and storage         Precautions for safe handling         Handling requirements         Avoid the formation or spread of dust in the air.         Conditions for safe storage, including any incompatibilities         Storage conditions         Avoid contact with water or humidity. Keep container tightly closed. Store in cool, well ventilated area.         Specific end use(s)         No data available.  | Extinguishing media            |   |
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| Wethods and actival for containment and cleaning up         Clean-up procedures         Wash the spillage site with large amounts of water.         Reference to other sections         Refer to section 8 of SDS.         Handling and storage         Precautions for safe handling         Handling requirements         Avoid the formation or spread of dust in the air.         Conditions for safe storage, including any incompatibilities         Storage conditions         Avoid contact with water or humidity. Keep container tightly closed. Store in cool, well ventilated area.         Specific end use(s)         No data available.   | Environmental preca            | utions  |
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| Reference to other sections         Refer to section 8 of SDS.         Handling and storage         Precautions for safe handling         Handling requirements         Avoid the formation or spread of dust in the air.         Conditions for safe storage, including any incompatibilities         Storage conditions         Avoid contact with water or humidity. Keep container tightly closed. Store in cool, well ventilated area.         Specific end use(s)         No data available.         Exposure controls/personal protection   |                                |   |
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| Handling requirements         Avoid the formation or spread of dust in the air.         Conditions for safe storage, including any incompatibilities         Storage conditions         Avoid contact with water or humidity. Keep container tightly closed. Store in cool, well ventilated area.         Specific end use(s)         No data available.         Exposure controls/personal protection   | Handling and storage           | 3   |
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| Conditions for safe storage, including any incompatibilities<br>Storage conditions<br>Avoid contact with water or humidity. Keep container tightly closed. Store in cool, well ventilated area.<br>Specific end use(s)<br>No data available.<br>Exposure controls/personal protection  |                                |   |
| Storage conditions         Avoid contact with water or humidity. Keep container tightly closed. Store in cool, well ventilated area.         Specific end use(s)         No data available.         Exposure controls/personal protection  |                                |   |
| Avoid contact with water or humidity. Keep container tightly closed. Store in cool, well ventilated area. Specific end use(s) No data available. Exposure controls/personal protection   |                                | torage, including any incompatibilities   |
| Specific end use(s)<br>No data available.<br>Exposure controls/personal protection   | U U                            |   |
| No data available. Exposure controls/personal protection   |                                | ater or humidity. Keep container tightly closed. Store in cool, well ventilated area. |
| Exposure controls/personal protection  |                                |   |
|  | No data available.             |   |
| Control parameters   | Exposure controls/pe           | ersonal protection  |
|  | Control parameters             |   |

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#### 8.2 Exposure controls

| Engineering measures   | No data available.                                  |
|------------------------|---|
| Respiratory protection | Respiratory protective device with particle filter. |
| Hand protection        | Protective gloves.                                  |
| Eye protection         | Ensure eye bath is to hand. Safety glasses.         |
| Skin protection        | Protective clothing.                                |

#### 9. Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

| Physical state                                    | Liquid                 |
|---|------------------------|
| Colour  | Colourless             |
| Odour   | No data available.     |
| Melting point/Freezing point                      | No data available.     |
| Boiling point/initial boiling point/boiling range | 77 °C @ Press: 20 Torr |
| Flammability                                      | No data available.     |
| Lower/Upper explosion limit                       | No data available.     |
| Flash Point                                       | No data available.     |
| Auto-ignition temperature                         | No data available.     |
| Decomposition temperature                         | No data available.     |
| рН  | No data available.     |
| Kinematic viscosity                               | No data available.     |
| Solubility  | No data available.     |
| Partition coefficient n-octanol/water             | No data available.     |
| Vapour pressure                                   | No data available.     |
| Density/relative density                          | 1.045                  |
| Relative vapour pressure                          | No data available.     |
| Particle characteristics                          | No data available.     |
|   |                        |

#### 9.2 Other information

No data available.

#### 10. Stability and reactivity

#### <sup>10.1</sup> Reactivity

Stable under recommended transport or storage conditions.

#### 10.2 Chemical stability

Stable under normal conditions.

#### <sup>10.3</sup> Possibility of hazardous reactions

#### Hazardous reactions

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

#### <sup>10.4</sup> Conditions to avoid

Heat.

#### <sup>10.5</sup> Incompatible materials

Materials to avoid

Strong acids. Strong oxidising agents.

#### 11. Toxicological information

#### 11.1 Information on toxicological effects

a) Acute toxicity No data available.

#### b) Skin corrosion/irritation No data available.

c) Serious eye damage/irritation

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| d)     | No data available.                                  |  |
|--------|---|--|
| d)     | <b>Respiratory or skin se</b><br>No data available. | nsitisation  |
| e)     | Germ cell mutagenicity<br>No data available.        | y .  |
| f)     | <b>Carcinogenicity</b><br>No data available.        |  |
| g)     | <b>Reproductive toxicity</b><br>No data available.  |  |
| h)     | <b>STOT-single exposure</b><br>No data available.   |  |
| i)     | STOT-repeated exposu                                | ıre  |
| j)     | Aspiration hazard<br>No data available.             |  |
|        | Symptoms / routes of                                | exposure   |
|        | 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<br>effects                      | Immediate effects can be expected after short-term exposure.                                   |
|        | Other information                                   | No data available.   |
| 11.2   | Information on other h                              | azards   |
| 11.2.1 | Endocrine disrupting pro                            | operties   |
|        | This product does not o                             | contain known or suspected endocrine disruptors according to REACH or relevant EU Regulations. |
| 11.2.2 | Other information                                   |  |
|        | No additional information                           | on   |
| 12.    | Ecological information                              |  |
| 12.1   | Toxicity  |  |
|        | No data available.                                  |  |
| 12.2   | Persistence and degra                               | dability   |
|        | Biodegradable.                                      |  |
| 12.3   | Bioaccumulative poter                               |  |
|        | No bioaccumulation po                               | tential.   |
| 12.4   | Mobility in soil                                    |  |
| 12.5   | No data available.                                  |  |
| 12.5   | Results of PBT and vP                               | dentified as a PBT substance.  |
| 12.6   |   |  |
| .2.0   | Endocrine disrupting p                              | broperties<br>dentified as having endocrine disrupting properties                              |
| 12.7   | Other adverse effects                               |  |
|        | No data available.                                  |  |
| 13.    | Disposal consideration                              | ns   |
|        |   |  |
|        |   |  |

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#### 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. Transport information

This product does not require a classification for transport.

#### 15. Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This Safety Data Sheet is prepared in accordance with Commission Regulation (EC) 1907/2006, amended by Commission Regulation (EU) 2020/878.

#### Authorisations/Restrictions

| Regulation (EC) 1907/2006, REACH, Annex XIV list of substances subject to<br>authorisation:   | No data available. |
|---|--------------------|
| Regulation (EC) 1907/2006, REACH, Annex XVII restrictions on the manufacture, placing<br>on the market and use of certain dangerous substances: | No data available. |
| Regulation (EC) 1005/2009 on substances that deplete the ozone layer:   | No data available. |
| Regulation (EC) 850/2004 on persistent organic pollutants, amended by (EU) No 2019/1021:  | No data available. |

#### 15.2 Chemical safety assessment

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

#### 16. Other information

#### **H-Statement Full Texts**

#### **Abbreviations Full Texts**

| ADN       | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
|-----------|---|
| ADR       | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ALARP     | As low as is reasonably practicable   |
| CAS       | Chemical Abstracts Service  |
| CLP       | Classification, Labelling and Packaging Regulations   |
| COSHH     | Control of Substances Hazardous to Health   |
| EC Number | European Community Number   |
| EC50      | Effective Concentration 50%   |
| EILINCS   | European List of Notified Chemical Substances   |
| EINECS    | European Inventory of Existing Commercial Chemical Substances                                   |
| GHS       | Globally Harmonised System  |
| HSE       | Health & Safety Executive UK  |
| IATA      | International Air Transport Association   |
| IM        | Intramuscular   |
| IMDG      | The International Maritime Dangerous Goods Code   |
| IP        | Intraperitoneal   |
| IV        | Intravascular   |
| LD50      | Lethal Dose 50%   |
| LOEC      | Lowest Observable Effective Concentration   |
| LTEL      | Long Term Exposure Limit  |
| NOEC      | No Observable Effective Concentration   |
| OECD      | Organisation for Economic Cooperations and Development  |
| PBT       | Persistent Bioaccumulative Toxic  |
| PPE       | Personal Protective Equipment   |

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| REACH<br>RID | Registration, Evaluation, Authorisation and Restriction of Chemicals<br>Regulations Concerning the International Carriage of Dangerous Goods by Rail |
|--------------|--|
| SC           | Subcutaneous   |
| SDS          | Safety Data Sheet  |
| STEL         | Short Term Exposure Limit  |
| STOT         | Specific Target Organ Toxicity   |
| VOC          | Volatile Organic Compounds   |
| vPvB         | Very Persistent and Very Bioaccumulative   |
| WEL          | Workplace Exposure Limits  |

# This Safety Data Sheet is prepared in accordance with Commission Regulation (EC) 1907/2006, amended by Commission Regulation (EU) 2020/878.

Disclaimer: Glentham Life Sciences shall not be held liable for any damage resulting from handling or from contact with the above product. 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 document does not guarantee the properties or quality of the product.

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