GL8076 v3.0



Safety Data Sheet

www.glentham.com

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

1.	Identification of the sub	Identification of the substance/mixture and of the company/undertaking		
1.1	Product identifier			
	Product code :	GL8076		
	Product name :	Potassium phosphate tribasic, anhydrous		
	CAS number :	7778-53-2		
	EINECS :	231-907-1		
	Physical form :	solid, substance		
	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.		
1.2	Relevant identified uses of the substance or mixture and uses advised against			
	PC21: Laboratory chem	icals.		
1.3	Details of the supplier of the safety data sheet			
	Company name :	Glentham Life Sciences Ltd Telephone : +44 (0) 1225 667 798		

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 : NHS Direct 111 (UK, 24 hours), 112 (EU, 24 Hours), +44 (0) 1225 667 798 (09.00 – 17.00 GMT) number

2. Hazards identification

2.1 Classification of the substance or mixture

Classification under CLP according to (EC) 1272/2008

H318	Eye Dam. 1
H335	STOT SE 3
H336	STOT SE 3

2.2 Label elements

1

Label elements under CLP according to (EC) 1272/2008

Pictograms



Signal words	Danger
Hazard statements	
H318	Causes serious eye damage
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
Precautionary statement	's
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
Other hazards	
PBT	

This substance is not identified as a PBT substance.

3.0 Composition/information on ingredients

3.1 Substances

2.3

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Description of first aid measures Skin contact Consult a doctor. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Remove all contaminated clothes and footwear immediately unless stuck to skin. Transfer to hospital if there are burns or symptoms of poisoning. Wash immediately with plenty of soap and water. Eve contect Consult a doctor. Transfer to hospital for specialist examination. Bathe the eye with running water for 15 minutes. Ingestion Consult a doctor. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious and breathing is OK, place in the recovery position. If unconscious, check for breathing and apply artificial respiration if necessary. Transfer to hospital as soon as possible. Wash out mout with water. Inhalation If breathing becomes bubbly, have the casualty stil and provide oxygen if available. (Fourscicus, 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. Transfer to hospital as soon as possible. Consult a doctor. Remove casualty from exposure ensuring one's own asfet ywhilet doing soo. Wost Important symptoms and effects, both acute and delayed Skin contact Bilistering may occur. May cause permanent damage. The eyes may water profusely. There may be firitation and redness. Impetition Exposure may cause coughing or wheezing. There may be bleeding from the mouth or nose. There may be somes and redness of the mouth and throat. By contact Bilod may be vomited. C	EC: 231-007-1 H336, STOT SE 3 REACH: Not applicable H336, STOT SE 3 interation of first aid measures State and the affected skin with running water for 10 minutes or longer if substance is still on skin. Remove all contaminated clothes and footwear immediately unless stuck to skin. Transfer to hospital if there are burns or symptoms of poisoning. Wash immediately with plenty of scap and water. Eve context Consult a doctor. Transfer to hospital for specialist examination. Bathe the eye with running water for 15 minutes. Impession Consult a doctor. Transfer to hospital for specialist examination. Bathe the eye with running water for 15 minutes. Impession Consult a doctor. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious and breathing is OK, place in the recovery position. If unconscious, and breathing is OK, place in the recovery position. If unconscious, and threathing is OK, place in the recovery position. If unconscious, on the exaulty its in unconscious and persiting and apply artificial respiration if necessary. Transfer to hospital as soon as possible. Wash out mouth with water. Instantion If breathing becomes bubby, have the casually sit and provide oxygen if available. If ononcoicus, necessary with doling soo. Not important symptoms and effects, both acute and delayed Stin monocoicus and breathing is OK. Swin context Bistering may occur. Progressive ulceration will occur if treatment is not immediate. There may be irritation and redness. Imposition Exposure may cause coughing or wheezing. Th	Name		Identifier	%	Classification		
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	Accidental release measures	Advice for fire-fighters						
		Wear protective clot	hing to prevent contact with	skin and eyes. Wear se	lf-contained br	eathing apparatus.		
		Accidental release r	noasuros					

6.1 Personal precautions, protective equipment and emergency procedures

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Personal precautions

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

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

6.4 Reference to other sections

Refer to section 8 of SDS.

7. Handling and storage

7.1 Precautions for safe handling

Handling requirements

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

7.2 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.

7.3 Specific end use(s)

No data available.

8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits

No workplace exposure limit control parameters set

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	Tightly fitting safety goggles. 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	Solid
Colour	White
Odour	No data available.
Melting point/Freezing point	1340 °C
Boiling point/initial boiling point/boiling range	No data available.
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.

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Kinematic viscosity
Solubility
Partition coefficient n-octanol/water
Vapour pressure
Density/relative density
Relative vapour pressure
Particle characteristics

9.2 Other information

No data available.

10. 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

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

No data available. No data available.

^{10.4} Conditions to avoid

Heat.

^{10.5} 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 Serious eye damage/eye irritation (Category 1)
- Respiratory or skin sensitisation
 No data available.
- e) Germ cell mutagenicity No data available.
- f) Carcinogenicity No data available.
- 9) Reproductive toxicity No data available.
- h) STOT-single exposure
 Specific target organ toxicity, single exposure; Respiratory tract irritation (Category 3)
- i) STOT-repeated exposure No data available.
- j) Aspiration hazard No data available.
 - Symptoms / routes of exposure

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	Skin contact	Blistering may occur. Progressive ulceration will occur if treatment is not immediate. There may be irritation and redness at the site of contact.
	Eye contact	Corneal burns may occur. May cause permanent damage. The eyes may water profusely. There may be irritation and redness.
	Ingestion	Blood may be vomited. Corrosive burns may appear around the lips. There may be bleeding from the mouth or nose. There may be soreness and redness of the mouth and throat.
	Inhalation	Exposure may cause coughing or wheezing. 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.
	Delayed / immediate effects	Immediate effects can be expected after short-term exposure. There may be bleeding from the mouth or nose.
	Other information	No data available.
2	Information on other h	nazards
2.1	Endocrine disrupting pro	operties
	This product does not	contain known or suspected endocrine disruptors according to REACH or relevant EU Regulations.
2.2	Other information	
	No additional informati	ion
	Ecological information	n
1	Toxicity	
	No data available.	
2	Persistence and degra	adability
	Biodegradable.	
3	Bioaccumulative pote	ntial
	No bioaccumulation po	otential.
4	Mobility in soil	
	Readily absorbed into	soil.
5	Results of PBT and vF	
		dentified as a PBT substance.
6		
	Endocrine disrupting properties This substance is not identified as having endocrine disrupting properties	
7	Other adverse effects	
	No data available.	
	Disposal consideratio	ns
1	Waste treatment meth	ods
	Disposal operations	
		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.
	Transport information	
		require a classification for transport.
	Regulatory informatio	n
I	Safety, health and environm	nental regulations/legislation specific for the substance or mixture
	This Safety Data Shee	t is prepared in accordance with Commission Regulation (EC) 1907/2006, amended by Commission

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

Authorisations/Restrictions

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Regulation (EC) 1907/2006, REACH, Annex XIV list of substances subject to authorisation:	No data available.
Regulation (EC) 1907/2006, REACH, Annex XVII restrictions on the manufacture, placing 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			
H318	Causes serious eye damage		
H335	May cause respiratory irritation		

H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness

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	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals	
RID	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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