GK1476 v3.0



### Safety Data Sheet

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

1401110	lüent		70	
Name	Ident	ifier	%	Classification
Substances				
Composition/informatio	on on ingredients			
	entified as a PBT substance.			
Other hazards				
This product has no lab	ei eiements.			
Label elements under CLP ac				
Label elements				
This product has no cla	ssification under CLP.			
Classification under CLP acc				
Classification of the su	bstance or mixture			
Hazards identification				
Emergency telephone : number	NHS Direct 111 (UK, 24 hours),	112 (EU, 24 Hou	urs), +44	(0) 1225 667 798 (09.00 – 17.00 GMT)
Emergency telephone number				
	Corsham SN13 9SW United Kingdom	Email Web		o@glentham.com w.glentham.com
Company name .	Unit 5 Leafield Way	Fax		4 (0) 2033 978 909
	Glentham Life Sciences Ltd	Telephone	· +1/	4 (0) 1225 667 798
	of the safety data sheet			
PC21: Laboratory chem				
Relevant identified use	the registration is envisaged for s of the substance or mixture and	Ū		ne.
REACH :	A registration number is not available are exempted from registration,			
Physical form :	solid, substance			
EINECS :	232-678-0			
Product name : CAS number :	Hyaluronic acid 9004-61-9			
	GK1476			
Froduct Identifier				
Product identifier				

Hya

me	Identifier	%	Classification
aluronic acid	CAS: 9004-61-9 EC: 232-678-0 REACH: Not applicable	80.0%	Not classified

#### 4. 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.

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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.
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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	Solid
Colour	White
Odour	No data available.
Melting point/Freezing point	No data available.
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	2.5  ightarrow 3.0
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	No data available.
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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	No data available		
d)	No data available.		
d)	Respiratory or skin sensitisation No data available.		
e)	Germ cell mutagenicity No data available.		
f)	Carcinogenicity No data available.		
g)	<b>Reproductive toxicity</b> No data available.		
h)	STOT-single exposure		
i)	STOT-repeated exposit		
''	No data available.	N.A.	
j)	Aspiration hazard		
	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 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	contain known or suspected endocrine disruptors according to REACH or relevant EU Regulations.	
11.2.2	Other information		
	No additional informati	on	
12.			
	Ecological information	1	
12.1	Ecological information Toxicity	1	
	-	1	
	Toxicity		
12.1	<b>Toxicity</b> No data available.		
12.1	Toxicity No data available. Persistence and degra	dability	
12.1 12.2	Toxicity No data available. Persistence and degra Biodegradable.	ndability	
12.1 12.2	Toxicity No data available. Persistence and degra Biodegradable. Bioaccumulative poter No bioaccumulation poter Mobility in soil	ndability	
12.1 12.2 12.3	Toxicity No data available. Persistence and degra Biodegradable. Bioaccumulative potent	ndability	
12.1 12.2 12.3	Toxicity No data available. Persistence and degra Biodegradable. Bioaccumulative poter No bioaccumulation pot Mobility in soil No data available. Results of PBT and vP	ndability ntial otential. PvB assessment	
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12.1 12.2 12.3 12.4 12.5 12.6	Toxicity No data available. Persistence and degra Biodegradable. Bioaccumulative potent No bioaccumulation potent No data available. Results of PBT and vP This substance is not in Endocrine disrupting p This substance is not in	ntial otential. PVB assessment dentified as a PBT substance. properties	
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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 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**

#### **Abbreviations Full Texts**

European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
European Agreement concerning the International Carriage of Dangerous Goods by Road
As low as is reasonably practicable
Chemical Abstracts Service
Classification, Labelling and Packaging Regulations
Control of Substances Hazardous to Health
European Community Number
Effective Concentration 50%
European List of Notified Chemical Substances
European Inventory of Existing Commercial Chemical Substances
Globally Harmonised System
Health & Safety Executive UK
International Air Transport Association
Intramuscular
The International Maritime Dangerous Goods Code
Intraperitoneal
Intravascular
Lethal Dose 50%
Lowest Observable Effective Concentration
Long Term Exposure Limit
No Observable Effective Concentration
Organisation for Economic Cooperations and Development
Persistent Bioaccumulative Toxic
Personal Protective Equipment

GK1476 v3.0



## Safety Data Sheet

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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

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