GK3319 v3.0



Safety Data Sheet

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

	According to REACH Regulations (EC) 1907/2006 and (EU) 2020/878						
1.	Identification of the substance/mixture and of the company/undertaking						
1.1	Product identifier						
	Product code Product name CAS number EINECS Physical form REACH	 GK3319 N-Acetyl-D-mannosamine 7772-94-3 616-491-5 solid, substance A registration number is not avai are exempted from registration, the registration is envisaged for a 	the annual tonna	age	does not require a registration or		
1.2	Relevant identified us	ses of the substance or mixture and	uses advised a	gair	ıst		
	PC21: Laboratory chemicals.						
1.3	Details of the supplie	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 Fax Email Web	: : :	+44 (0) 1225 667 798 +44 (0) 2033 978 909 info@glentham.com www.glentham.com		
1.4	Emergency telephone	e 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	ı					
2.1	Classification of the substance or mixture						
	Classification under CLP according to (EC) 1272/2008						
	This product has no classification under CLP.						
2.2	Label elements						
	Label elements under CLP according to (EC) 1272/2008						
	This product has no la	abel elements.					
2.3	Other hazards						
	PBT						
	This substance is not	This substance is not identified as a PBT substance.					

3.0 Composition/information on ingredients

3.1 Substances

Name	Identifier	%	Classification
N-Acetyl-D-mannosamine	CAS: 7772-94-3 EC: 616-491-5 REACH: Not applicable	98.0%	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 splilage 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.
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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	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	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

^{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.

^{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

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	No data available.	
d)	Respiratory or skin se No data available.	nsitisation
e)	Germ cell mutagenicit No data available.	у
f)	Carcinogenicity No data available.	
g)	Reproductive toxicity	
h)	No data available. STOT-single exposure	·
i)	No data available. STOT-repeated exposit	ure
	No data available.	
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 information	on
12.	Ecological information	1
12.1	Toxicity	
	No data available.	
12.2	Persistence and degra	Idability
	Biodegradable.	
12.3	Bioaccumulative poter	ntial
	No bioaccumulation po	otential.
12.4	Mobility in soil	
	No data available.	
12.5	Results of PBT and vP	
		dentified as a PBT substance.
12.6	Endocrine disrupting	
		dentified as having endocrine disrupting properties
12.7	Other adverse effects No data available.	
	no uala avaliadie.	
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 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

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	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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