GM3196 v3.0



Safety Data Sheet

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	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:	GM3196 L-Aspartic acid, Ph. Eur. grade 56-84-8 200-291-6 solid, substance A registration number is not availal are exempted from registration, the the registration is envisaged for a l	e annual tonna	ge	does not require a registration or
1.2	1.2 Relevant identified uses of the substance or mixture and uses advised against			st	
	PC21: Laboratory chemicals.				
1.3	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 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				
	This product has no classification under CLP.				
2.2	Label elements				
	Label elements under CLP according to (EC) 1272/2008				
	This product has no label elements.				
2.3	Other hazards				
	PBT	antified as a DPT substance			
	I bio ou botopoo io pot id				

This substance is not identified as a PBT substance.

3.0 Composition/information on ingredients

3.1 Substances

Name	Identifier	%	Classification	
L-Aspartic acid, Ph. Eur. grade	CAS: 56-84-8 EC: 200-291-6 REACH: Not applicable	98.5%	Not classified	

4. First aid measures

Ingestion

Inhalation

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.	

Wash out mouth with water.

Consult a doctor.

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Most important sy	/mptoms 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	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.
Indication of any i	immediate medical attention and special treatment needed
Immediate / special tre	atment
No data available.	
Fire-fighting meas	sures
Extinguishing me	dia
Suitable extinguisl	hing media for the surrounding fire should be used.
Special hazards a	rising from the substance or mixture
Exposure hazards	
In combustion em	its toxic fumes.
Advice for fire-fig	hters
Wear protective cl	othing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.
Accidental release	e measures
Personal precauti	ons, protective equipment and emergency procedures
Personal precautions	
Refer to section 8	of SDS for personal protection details.
Environmental pre	ecautions
Do not discharge i	into drains or rivers.
Methods and mate	erial for containment and cleaning up
Clean-up procedures	
Wash the spillage	site with large amounts of water.
Reference to othe	r sections
Refer to section 8	of SDS.
Handling and stor	
Precautions for sa	
Handling requirements	-
	on or spread of dust in the air.
	fe storage, including any incompatibilities
Storage conditions	
-	water or humidity. Keep container tightly closed. Store in cool, well ventilated area.
Specific end use(
No data available.	
Exposure control	s/nersonal protection
•	
Exposure controls Control parameter Workplace exposure li	s/personal protection rs

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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	270-271 °C
Boiling point/initial boiling point/boiling range	No data available.
Flammability	Non flammable
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	5 - 5.3 g/L @ 25 °C
Partition coefficient n-octanol/water	No data available.
Vapour pressure	No data available.
Density/relative density	1.661
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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13. Disposal considerations		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 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 RID SC	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations Concerning the International Carriage of Dangerous Goods by Rail 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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