GM9838 v1.0

## **Glentham** LIFE SCIENCES

## Safety Data Sheet

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1.	Identification of the s	ubstance/mixture and of the compa	any/undertaking			
1.1	Product identifier					
	Product name	: L-Aspartic acid β-benzyl ester				
	Product code	: GM9838				
	CAS number EINECS	: 2177-63-1 : 218-541-8				
1.2		f the substance or mixture and uses advised	against			
1.2	PC21: Laboratory ch		ayamst			
	-					
1.3	Details of the supplier of t	he safety data sheet				
	Company name	: Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom	Telephone Fax Email Web	<ul> <li>+44 (0) 1225 667 798</li> <li>+44 (0) 2033 978 909</li> <li>info@glentham.com</li> <li>www.glentham.com</li> </ul>		
1.4	Emergency telephone nun	nber				
	Emergency telephone	e number: +44 (0) 1225 667 798 (09	0.00 – 17.00 GMT	Т)		
1.5	REACH					
	A registration numbe	r is not available for this substance a uire a registration or the registration	as the substance i is envisaged for	or its uses are exempted from registration, the annual r a later registration deadline.		
				-		
2.	Hazards identificatio	n				
2.1	Classification of the subst	ance or mixture				
	Classification under CLP					
	This product has no o	classification under CLP.				
2.2	Label elements					
	Label elements under CLP					
	This product has no I	abel elements.				
2.3	Other hazards					
	PBT This substance is not	identified as a PBT substance.				
 3.0	Composition/informa	tion on ingredients				
3.1	Substances					
••••	Product name	: L-Aspartic acid β-benzyl ester	MM	223.23		
	CAS number	: 2177-63-1		$C_{11}H_{13}NO_4$		
	EINECS	: 218-541-8		11 13 4		
4.0	First aid measures					
4.1	Description of first aid me	asures				
	Skin contact					
	Wash immediately wi	th plenty of soap and water.				
	Eye contact					
	Bathe the eye with ru	nning water for 15 minutes.				
	Ingestion					
	Wash out mouth with	water.				
	Inhalation					
	Consult a doctor.					
4.2	Most important symptoms	and effects, both acute and delayed				
	Skin contact					
	There may be mild irritation at the site of contact.					
	Eye contact					
	There may be irritation	n and redness.				
	Ingestion					
	Thoro may be irritatio	n of the threat				

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	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.					
4.3	Indication of any immediate medical attention and special treatment needed					
4.5	Immediate / special treatment					
	Not applicable.					
 E 0						
5.0	Fire-fighting measures					
5.1	Extinguishing media					
	Suitable extinguishing media for the surrounding fire should be used.					
5.2	Special hazards arising from the substance or mixture Exposure hazards					
	In combustion emits toxic fumes.					
5.3	Advice for fire-fighters					
	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.					
6.0	Accidental release measures					
6.1	Personal precautions, protective equipment and emergency procedures Personal precautions					
	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					
	Wash the spillage site with large amounts of water.					
6.3	Reference to other sections					
	Refer to section 8 of SDS.					
7.0	Handling and storage					
7.1	Precautions for safe handling					
	Handling requirements					
	Avoid the formation or spread of dust in the air.					
7.2	Conditions for safe storage, including any incompatibilities					
	Storage conditions					
	Store in cool, well ventilated area. Keep container tightly closed. Avoid contact with water or humidity.					
7.3	Specific end use(s)					
	No data available.					
8.0	Exposure controls/personal protection					
8.1	Control parameters					
	Workplace exposure limits					
0 7	Not applicable. Exposure controls					
8.2	Exposure controls Engineering measures					
	Not applicable.					
	Respiratory protection					
	Respiratory protective device with particle filter.					
	Hand protection					
	Protective gloves.					
	Eve protection					
	Safety glasses. Ensure eye bath is to hand.					
	Skin protection					



Safety Data Sheet

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90         Physical and chemical properties           91         Information on take pytical and chemical properties           Physical Form:         Colour:           92         Other information           93         Other information           94         Stability and reactivity           95         Stability and reactivity           96         Reactivity           97         Stability and reactivity           98         Stable under normal conditions.           90         Presentions reactions           Hazardous reactions         Hazardous reactions           Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials failed below.           97         Productional conditions           98         Reactivity           98         Storag acids. Storag oxidising agents.           97         Toxicological information           114         Information on acticological effects           98         Reactivity was           98         Not applicable.           112         Information of the throat.           99         Reactivity was           98         Reactivity was           98         Reactivity was		Protective clothing.				
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<ul> <li>12.1 Toxicity <ul> <li>Not applicable.</li> </ul> </li> <li>12.2 Persistence and degradability <ul> <li>Biodegradable.</li> </ul> </li> <li>12.3 Bioaccumulative potential <ul> <li>No bioaccumulation potential.</li> </ul> </li> <li>12.4 Mobility in soil <ul> <li>No data available.</li> </ul> </li> <li>12.5 Results of PBT and vPvB assessment</li> </ul>		Ecological information				
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<ul> <li>Persistence and degradability</li> <li>Biodegradable.</li> <li>12.3 Bioaccumulative potential</li> <li>No bioaccumulation potential.</li> <li>12.4 Mobility in soil</li> <li>No data available.</li> <li>12.5 Results of PBT and vPvB assessment</li> </ul>	12.1					
Biodegradable.         12.3       Bioaccumulative potential         No bioaccumulation potential.         12.4       Mobility in soil         No data available.         12.5       Results of PBT and vPvB assessment	12.2					
12.3       Bioaccumulative potential         12.4       Mobility in soil         No data available.         12.5       Results of PBT and vPvB assessment	12.2					
No bioaccumulation potential.         12.4       Mobility in soil         No data available.         12.5       Results of PBT and vPvB assessment	12.3	-				
12.4     Mobility in soil       No data available.       12.5     Results of PBT and vPvB assessment	-					
No data available.       12.5     Results of PBT and vPvB assessment	12.4					
12.5 Results of PBT and vPvB assessment						
This substance is not identified as a PBT substance.	12.5					
		This substance is not identified as a PBT substance.				



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12.6	Endocrine disrupting properties Negligible ecotoxicity.				
	<b>-</b>				
13.0	Disposal considerations				
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.				
14.0	Transport information				
	This product does not require a classification for transport.				
15.0	Regulatory information				
	Safety, health and environmental regulations/legislation specific for the substance or mixture				
	Not applicable.				
	Chemical Safety Assessment				
	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.				
	Other information				
	Other information				

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

## Legal disclaimer

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 company shall not be held liable for any damage resulting from handling or from contact with the above product.