GP8988 v3.0



### Safety Data Sheet

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

Product identifier         Product name       GP8988         Product name       Sulfobuly tehre beta-cyclodextrin sodium         CAS number       Sulfobuly tehre beta-cyclodextrin sodium         PO21: Laboratory chemicals.       Sulfobuly tehre number is not available for this substance as the substance or its uses are exempted for mesistration deaginst         PO21: Laboratory chemicals.       Suffobuly tehre         Unit S Lanfeld Way       Fax       * 44 (0) 1225 667 798         Unit S Lanfeld Way       Enail       info@glentham.com         Unit S Lanfeld Way       Enail       info@glentham.com         Unit S Lanfeld Way       Enail       info@glentham.com         Unit S Lanfeld Way       Enail <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>							
Product code mini- Product code is of SP8988 Product name is Sulfobuly there beta-cyclodextrin sodium CAS number is field 10000 in number is not available for this substance as the substance or its uses are accentrated from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline. REACH is solid, substance or mixture and uses advised against PC21: Laboratory chemicals. PC21: Laboratory chemicals. PC22: REACH: Not applicable. PC2: REACH: Not applicab		Identification of the sul	ostance/mixture and of the	company/undertaking			
Product name       I: Suifabuly! ether beta-cyclodextrin sodium:         CAS number       I: 182410-00-0         Physical of is, substance on its completer on the variable 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.         Image:       Reevent identified uses of the substance or mixture and uses advised against         PC21: Laboratory chemicals.       PC21: Laboratory of the safety data sheet         Company name       I: Glentham Life Sciences Lid       Telephone       : +44 (0) 1225 667 798         Unit 5 Leabel Way       Fax       :: +44 (0) 1225 667 798       Unit 5 Leabel Way       East         Company name       I: Glentham Life Sciences Lid       Telephone       :: +44 (0) 1225 667 798 (09.00 – 17.00 GMT)         Unit 5 Leabel Way       Fax       :: +44 (0) 1225 667 798 (09.00 – 17.00 GMT)       Image: Sciences Lid         Imargency telephone number       Energency telephone is NHS Direct 111 (UK, 24 hours), 112 (EU, 24 Hours), +44 (0) 1225 667 798 (09.00 – 17.00 GMT)       Image: Science Sc	1	Product identifier					
PC21: Laboratory chemicals.         Details of the supplier of the safety data sheet         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         Unite Kingdom       Web       : www.glentham.com         Interregency 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       Classification under CLP according to (EC) 12722086         This product has no label elements.       Itelephonents         Uhr hazards       Per         Per       This product has no label elements.         Other hazards       Itelephonents         Substances       Itelephonents         Sulfobuly lether beta-cyclodextrin sodium       CAS: 182410-00-0       95.0%       Not classified         Sulfobuly lether beta-cyclode		Product name : CAS number : Physical form :	Sulfobutyl ether beta-cyd 182410-00-0 solid, substance A registration number is are exempted from regis	not available for this su tration, the annual tonn	age does i	not require a registration or	
Petalls of the supplier of the safety data sheet         Company name       CiseIntham Life Sciences Ltd       Telephone       : +44 (0) 1225 667 798         Unit S Leafield Way       Fax       : +44 (0) 2033 978 909         Corsham SN13 9SW       Email       : info@glentham.com         Unit S Leafield Way       Fax       : +44 (0) 1225 667 798 (09.00 – 17.00 GMT)         Image of the substance or mixture       Image of the substance or mixture       Image of the substance or mixture         Classification of the substance or mixture       Image of the substance or mixture       Image of the substance or mixture         Classification of the substance or mixture       Image of the substance or mixture       Image of the substance or mixture         Classification of the substance or mixture       Image of the substance or mixture       Image of the substance or mixture         Classification of the substance or mixture       Image of the substance or classification under CLP.       Image of the substance         Composition/Information on ingredients       Image of the substance.       Image of the substance         Substances       Image of the substance       Image of the substance       Image of the substance         Substances       Image of the substance       Image of the substance       Image of the substance         Substances       Image of the substance       Image of the substance </td <td rowspan="2">1.2</td> <td colspan="6"></td>	1.2						
Company name       :       Gientham 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         United Kingdom       Web       :       www.glentham.com         Hazards       Identification       :       :         Classification of the substance or mixture       Classification under CLP       :       :         Label elements       :       :       :       :       :         Label elements       :       :       :       :       :       :         Label elements       :		PC21: Laboratory chemicals.					
Unit 5 Leafield Way       Fax       : 444 (0) 2033 978 909         Corsham SN13 9SW       Email       : info@glentham.com         United Kingdom       Web       : www.glentham.com         Emergency telephone :       NHS Direct 111 (UK, 24 hours), 112 (EU, 24 Hours), 444 (0) 1225 667 798 (09.00 – 17.00 GMT) number         Hazards identification       Classification of the substance or mixture         Classification of the substance or mixture       Classification under CLP according to (EC) 12722008         This product has no classification under CLP.       Label elements         Label elements       Label elements.         Other hazards       P8T         This substance is not identified as a PBT substance.       Substances         Substances       CAS: 182410-00-0       95.0%       Not classified EC:	3	Details of the supplier	of the safety data sheet				
Emergency telephone : NHS Direct 111 (UK, 24 hours), 112 (EU, 24 Hours), +44 (0) 1225 667 796 (09.00 – 17.00 GMT) number  Hazards identification  Classification of the substance or mixture Classification under CLP according to (EC) 12722008 This product has no classification under CLP.  Label elements Label elements Label elements Classification on ingredients.  Other hazards Pet This substance is not identified as a PBT substance.  Composition/information on ingredients Substances  Name Identifier % Classification Classification Classification Classified EC: REACH: Not applicable  First aid measures  Skin contact Wash immediately with plenty of soap and water.  Fye contact Bathe the eye with running water for 15 minutes.		Company name :	Unit 5 Leafield Way Corsham SN13 9SW	Fax Email	: +44 : info(	(0) 2033 978 909 @glentham.com	
Number       Hazards identification         Hazards identification       Classification of the substance or mixture         Classification under CLP according to (EC) 1272/2008       This product has no classification under CLP.         Label elements       Label elements         Label elements       Under CLP according to (EC) 1272/2008         This product has no classification under CLP according to (EC) 1272/2008       This product has no label elements.         Other hazards       Par         This substance is not identified as a PBT substance.       Value Name         Substances       Undertifier         Substances       Cassification         Sulfobutyl ether beta-cyclodextrin sodium       CAS: 182410-00-0       95.0%       Not classified         EC:       REACH: Not applicable       REACH: Not applicable       Sulfobutyl ether beta-cyclodextrin sodium       CAS: 182410-00-0       95.0%       Not classified         EC:       REACH: Not applicable       Sulfobutyl ether beta-cyclodextrin sodium       CAS: 182410-00-0       95.0%       Not classified         EC:       REACH: Not applicable       Sulfobutyl ether beta-cyclodextrin sodium       CAS: 182410-00-0       95.0%       Not classified         EC:       REACH: Not applicable       Sulfobutyl ether beta-cyclodextrin applicable       Sulfobutyl ether beta-cyclodextrin applicable	4	Emergency telephone	number				
Classification of the substance or mixture         Classification under CLP according to (EC) 1272/2008         This product has no classification under CLP.         Label elements         Label elements         Label elements         Label elements         This product has no label elements.         Other hazards         PBT         This substance is not identified as a PBT substance.         Composition/information on ingredients         Substances         Mame       Identifier       %       Classification         Suifobutyl ether beta-cyclodextrin sodium       CAS: 182410-00-0       95.0%       Not classified         SEE         This aid measures         Stin contact         Wash immediately with plenty of soap and water.         Eye contact       Bathe the eye with running water for 15 minutes.			NHS Direct 111 (UK, 24	hours), 112 (EU, 24 Hc	ours), +44 (	0) 1225 667 798 (09.00 – 17.00 GMT)	
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This product has no label elements.         Other hazards         PBT         This substance is not identified as a PBT substance.         Composition/information on ingredients         Substances         Mame       Identifier       %       Classification         Substances       CAS: 182410-00-0       95.0%       Not classified       EC:       REACH: Not applicable         First aid measures         Escription 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.							
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Ingestion Wash out mouth with water.	2 3 0 1	Label elements under CLP ac This product has no lab Other hazards PBT This substance is not id Composition/informatio Substances Name Sulfobutyl ether beta-	el elements. lentified as a PBT substand on on ingredients cyclodextrin sodium measures	Identifier CAS: 182410-00-0 EC: REACH: Not applicable	95.0%		
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Inhalation Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

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	Skin contact	There may be mild irritation at the site of contact.
	Eye contact	There may be irritation and redness.
	Ingestion	
	Inhalation	There may be irritation of the throat.
		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 imme	ediate medical attention and special treatment needed
	Immediate / special treatmer	nt
	No data available.	
5.	Fire-fighting measures	
5.1	Extinguishing media	
	Suitable extinguishing	media for the surrounding fire should be used.
5.2	Special hazards arising	g from the substance or mixture
	Exposure hazards	
	In combustion emits to	
5.3	Advice for fire-fighters	
	Wear protective clothin	ng to prevent contact with skin and eyes. Wear self-contained breathing apparatus.
6.	Accidental release me	asures
6.1	Personal precautions,	protective equipment and emergency procedures
	Personal precautions	
		DS for personal protection details.
6.2	Environmental precau	
6.3	Do not discharge into c	
0.5	Clean-up procedures	for containment and cleaning up
		with large amounts of water.
6.4	Reference to other sec	
	Refer to section 8 of SI	DS.
7.	Handling and storage	
7.1	Precautions for safe h	andling
	Handling requirements Avoid the formation or	spread of dust in the air.
7.2		prage, including any incompatibilities
	Storage conditions	
	Avoid contact with wate	er or humidity. Keep container tightly closed. Store in cool, well ventilated area.
7.3	Specific end use(s)	
	No data available.	
8.	Exposure controls/per	sonal protection
8.1	Control parameters	
	Workplace exposure limits	
	No workplace exposure	e limit control parameters set
8.2	Exposure controls	

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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

Solid
White
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.

#### 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.

#### <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 No data available.

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d)	Respiratory or skin se No data available.	ensitisation
e)	Germ cell mutagenicit	hr.
0,	No data available.	y
f)	Carcinogenicity	
	No data available.	
g)	Reproductive toxicity	
	No data available.	
h)	STOT-single exposure No data available.	
i)	STOT-repeated expos	
-,	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	hazards
11.2.1	Endocrine disrupting pr	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 informat	ion
12.	Ecological information	n
12.1	Toxicity	
	No data available.	
12.2	Persistence and degra	adability
	Biodegradable.	
12.3	Bioaccumulative pote	ntial
	No bioaccumulation po	otential.
12.4	Mobility in soil	
	No data available.	
12.5	Results of PBT and v	PvB assessment
	This substance is not i	identified as a PBT substance.
12.6	Endocrine disrupting	properties
	This substance is not i	identified as having endocrine disrupting properties
12.7	Other adverse effects	
	No data available.	
13.	Disposal consideratio	ns
13.1	Waste treatment meth	

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#### 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

~	bbieviations i un	T CALS
	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



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## 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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