GM6086 v3.0



Safety Data Sheet

www.glentham.com

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

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 United Kingdom Web : www.glentham.com United Kingdom Web : www.glentham.com 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 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. Other hazards PBT This substance is not identified as a PBT substance.		According to REACH R	Regulations (EC) 1907/2006	and (EU) 2020/878				
Product code :: 0M6086 Product name :: Froc-S-tert-butyl-D-cysteine CAS number :: 11766-22-8 Physical form :: substance REACH :: A registration number is not available for this substance as the substance or its uses :: Reach :: A registration is envisaged for a later registration deadline. :: The registration is envisaged for a later registration deadline. REACH :: Substance :: Product as the substance or mixture and uses advised against PC21: Laboratory chemicals. Details of the supplier of the safety data sheet :: Company name :: Glentham Life Sciences Lift :: Telephone :: +44 (0) 1225 667 798 :: Unit E Leefiel Way :: Frax :: : +44 (0) 1225 667 798 (00.00 – 17.00 GMT) :: United Kingdom :: Web :: www.glentham.com :: United Kingdom :: Web :: Web :: Web :: Web :: Web :: : : : : : : : : : : : : : : : : :		Identification of the su	bstance/mixture and of the	company/undertaking				
Product name : Finoc-Stert-butyl-D-cysteine CAS number : it 31766-22.8 Physical form : substance REACH : A registration number is not available for this substance as the substance or its uses are exempted form registration, the annual tronage does not require a registration or the registration is envisaged for a later registration deadline. Relevant identified uses of the substance or mixture and uses advised against PC21: Laboratory chemicals. Position of the subplier of the safety data sheet Company name : Glentham Life Sciences Liff : relexphone : : +44 (0) 1225 667 798 Company name : Glentham Life Sciences Liff : relexphone : : +44 (0) 1225 667 798 : Unit 5 Leafield Way Fax : : : : : : : : : : : : : : : : : : :	I	Product identifier						
PC21: Laboratory chemicals. 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 United Kingdom Web : www.glentham.com 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 Hazards identification Hazards identification Hazards identification Hazards identification under CLP according to (EC) 12722008 This product has no classification under CLP. Label elements Label elements Label elements Mare is not identified as a PBT substance. Composition/information on ingredients Substances First substance is not identified as a PBT substance. First sid measures First aid measures First aid measures First aid measures Stim context Wash immediately with plenty of scap and water. Fye context Bathe the eye with running water for 15 minutes. First exercise that the use with running water for 15 minutes.		Product name : CAS number : Physical form :	 Fmoc-S-tert-butyl-D-cyst 131766-22-8 substance A registration number is a registratio	not available for this su tration, the annual tonn	age	loes not requi		
Details of the supplier of the safety data sheet Company name Glentham Life Sciences Ltd Telephone ± 444 (0) 1225 667 798 009 Corsham SN13 9SW Email info@glentham.com Unit 5 Leafield Way Email info@glentham.com Unit 6 Kingdom Web www.glentham.com Temergency telephone number Emergency telephone number Mazerds identification Mazerds identification Mazerds identification Chereotic Paccording to (EC) 12722008 This product has no classification on legredients Composition/information on legredients Mazerds Maree Composition/information on legredients Composition/information on legredients Composition/information on legredients Substances Substance Substances Substance Substance Composition/information on legredients Composition/information on legredients Substance	2	Relevant identified uses of the substance or mixture and uses advised against						
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 United Kingdom Web : www.glentham.com 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 Hazards identification Hazards identification 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 Substance is not identified as a PBT substance. Composition/Information on ingredients Substances Name Identifier % Classification Finoc-S-tert-butyl-D-cysteine CAS: 131766-22-8 EC: RECH: Not applicable First aid measures State centert Wash immediately with plenty of scap and water. Eye contert Bathe the eye with running water for 15 minutes.		PC21: Laboratory chemicals.						
Unit 5 Leafield Way Corsham SN13 9SW United KingdomFax:: +44 (0) 2033 978 909 2033 978 909 info@glentham.comEmergency telephone numberEmergency telephone numberEmergency telephone numberEmergency telephone numberClassificationHazards identificationHazards identificationClassification of the substance or mixture Classification under CLP according to (EC) 12722008This product has no classification under CLP. Label elements.Composition/Information on ingredients.Other hazardsFerThis substance is not identified as a PBT substance.Emergency telephone, improve the improvement of the substance is not identified as a PBT substance.Composition/Information on ingredientsSubstancesFrat aid measuresSubstancesFirst aid measuresSubstancePerImac-S-tert-butyl-D-cysteineCAS: 131766-22-8 EC: REACH: Not applicableNot classification from of first aid measuresSkin contaxtWash immediately with plenty of scap and water.Eye contaxtBathe the eye with running water for 15 minutes.		Details of the supplier of the safety data sheet						
Emergency telephone : NHS Direct 111 (UK, 24 hours), 112 (EU, 24 Hours), +44 (0) 1225 667 798 (09.00 – 17.00 GMT) number Hzards 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. Other hazards Per This substance is not identified as a PBT substance. Composition/information on ingredients Substances Mame Identifier % Classification Fmoc-S-tert-butyl-D-cysteine CAS: 131766-22-8 E: REACH: Not applicable Frist ald measures First ald measures First ald measures Min contact Wash immediately with plenty of soap and water. Eye contact Bathe the eye with running water for 15 minutes.		Company name :	Unit 5 Leafield Way Corsham SN13 9SW	Fax Email	::	+44 (0) 2033 info@glentha	978 909 Im.com	
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 Identified as no label elements. Other hazards Per This substance is not identified as a PBT substance. Substances Mame Identifier Vertication Fmoc-S-tert-butyl-D-cysteine CAS: 131766-22-8 EC: REACH: Not applicable First aid measures First aid measures Substance Min contact Wash immediately with plenty of soap and water. First aid measures Substance is not identified with plenty of soap and water.		Emergency telephone	number					
Classification under CLP according to (EC) 1272/2008 This product has no classification under CLP. Label elements Label elements Label elements This product has no classification under CLP. 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 Mane Identifier % Classification First aid measures Skin contact Wash immediately with plenty of soap and water. Evecontact Mathe the eye with running water for 15 minutes.			: NHS Direct 111 (UK, 24	hours), 112 (EU, 24 Ho	urs),	+44 (0) 1225	667 798 (09.00 – 17.00 GMT)	
Classification under CLP according to (EC) 1272/2008 This product has no classification under CLP. Label elements Label elements This product has no label elements. Other hazards Per This substance is not identified as a PBT substance. Substances Name Identifier % Classification Fmoc-S-Iert-butyl-D-cysteine CAS: 131766-22-8 EC: REACH: Not applicable Not classified Frist aid measures EC: REACH: Not applicable Not classified Skin centact Wash immediately with plenty of soap and water. Eventact Skin centact Bathe the eye with running water for 15 minutes. Use on tack		Hazards identification						
This product has no classification under CLP. Label elements Label elements Label elements This product has no label elements. Other hazards Par This substance is not identified as a PBT substance. Composition/information on ingredients Substances Name Identifier % Classification Fmoc-S-tert-butyl-D-cysteine CAS: 131766-22-8 Not classified EC: REACH: Not applicable Secondard applicable Not classified First aid measures EC: REACH: Not applicable Not classified Skin contact Wash immediately with plenty of scap and water. Ec: Ec: Ec: REACH: Not applicable Bathe the eye with runnity water for 15 minutes. Ec: Ec: Ec: Skin contact Wash immediately with plenty of scap and water. Ec: Ec: Ec: Ec: Skin contact Bathe the eye with runnity water for 15 minutes. Ec:		Classification of the su	ubstance or mixture					
Label elements Label paccording to (EC) 1272/2008 This product has no label elements. Other hazards PBT This substance is not identified as a PBT substance. Composition/information on ingredients Substance Name Identifier % Classification Fmoc-S-tert-butyl-D-cysteine CAS: 131766-22-8 EC: REACH: Not applicable Not classified Substances Stin contact Substance Substance Exerciption of first aid measures REACH: Not applicable Not classified Skin contact Wash immediately with plenty of soap and water. E Skin contact Bathe the eye with running water for 15 minutes. E		Classification under CLP according to (EC) 1272/2008						
Label elements under CLP according to (EC) 1272/2008 This product has no label elements. Other hazards PBT This substance is not identified as a PBT substance. Composition/information on ingredients Substances Name Identifier % Classification Fmoc-S-tert-butyl-D-cysteine CAS: 131766-22-8 EC: REACH: Not applicable First aid measures Skin contact Wash immediately with plenty of soap and water. Eye contact Bathe the eye with running water for 15 minutes.		This product has no classification under CLP.						
This product has no label elements. Other hazards PBT This substance is not identified as a PBT substance. Composition/information on ingredients Substances Substances Name Identifier % Classification Fmoc-S-tert-butyl-D-cysteine CAS: 131766-22-8 Not classified EC: REACH: Not applicable Not classified Stint contact Wash immediately with plenty of soap and water. Stin contact Wash immediately with plenty of soap and water. Let use		Label elements						
Name Identified as a PBT substance. Substance is not identified as a PBT substance. Composition/information on ingredients Substances Substances Name Identifier % Classification Fmoc-S-tert-butyl-D-cysteine CAS: 131766-22-8 EC: REACH: Not applicable Not classified Frst aid measures EC: REACH: Not applicable Substance Substance Substance CAS: 131766-22-8 EC: REACH: Not applicable Not classified Substance Substance <td colspan<="" td=""><td></td><td>Label elements under CLP a</td><td>ccording to (EC) 1272/2008</td><td></td><td></td><td></td><td></td></td>	<td></td> <td>Label elements under CLP a</td> <td>ccording to (EC) 1272/2008</td> <td></td> <td></td> <td></td> <td></td>		Label elements under CLP a	ccording to (EC) 1272/2008				
PBT PBT This substance is not identified as a PBT substance. Composition/information on ingredients Substances Substances Name Identifier % Classification Fmoc-S-tert-butyl-D-cysteine CAS: 131766-22-8 EC: REACH: Not applicable Not classified Erst aid measures Estimation 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.		This product has no label elements.						
Mame is not identified as a PBT substance. Substances Name Identifier % Classification Fmoc-S-tert-butyl-D-cysteine CAS: 131766-22-8 EC: REACH: Not applicable Not classified Frist aid measures Feasible Not classified Everyption of first aid measures Everypticable Everypticable Skin contact Wash immediately with plenty of soap and water. Everypticable Skin contact Bathe the eye with running water for 15 minutes. Everypticable		Other hazards						
Substances Name Identifier % Classification Fmoc-S-tert-butyl-D-cysteine CAS: 131766-22-8 EC: REACH: Not applicable Not classified First aid measures EC: REACH: Not applicable Not classified Excription of first aid measures EC: EC: Skin contact Wash immediately with plenty of soap and water. E Eye contact Bathe the eye with running water for 15 minutes. E								
Substances Name Identifier % Classification Fmoc-S-tert-butyl-D-cysteine CAS: 131766-22-8 EC: REACH: Not applicable Not classified First aid measures EACH: Not applicable Not classified First aid measures Vash immediately with plenty of soap and water. Vash immediately with plenty of soap and water. Skin contact Wash immediately with running water for 15 minutes. Vash immediately		This substance is not identified as a PBT substance.						
Name Identifier % Classification Fmoc-S-tert-butyl-D-cysteine CAS: 131766-22-8 EC: REACH: Not applicable Not classified First aid measures EC REACH: Not applicable Not classified Skin contact Wash immediately with plenty of soap and water. E Skin contact Bathe the eye with running water for 15 minutes. E	3.0 Composition/information on ingredients							
Fmoc-S-tert-butyl-D-cysteine CAS: 131766-22-8 EC: REACH: Not applicable Not classified First aid measures Ec: REACH: Not applicable Not classified Skin contact Wash immediately with plenty of soap and water. Ec Skin contact Bathe the eye with running water for 15 minutes. Ec		Substances						
EC: REACH: Not applicable First aid measures 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.		Name		Identifier	%	Cla	assification	
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.		Fmoc-S-tert-butyl-D-c	cysteine	EC: REACH: Not		No	t classified	
Skin contactWash immediately with plenty of soap and water.Eye contactBathe the eye with running water for 15 minutes.								
Eye contact Bathe the eye with running water for 15 minutes.		First aid measures						
			measures					
Ingestion Wash out mouth with water.		Description of first aid		enty of soap and water.				
		Description of first aid	Wash immediately with ple					

Inhalation Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

GM6086 v3.0

Glentham LIFE SCIENCES

Safety Data Sheet

www.glentham.com

	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.			
4.3	Indication of any imr	nediate medical attention and special treatment needed			
	Immediate / special treatm	nent			
	No data available.				
5.	Fire-fighting measure	es			
5.1	Extinguishing media				
	Suitable extinguishin	g media for the surrounding fire should be used.			
5.2	Special hazards arisi	ing from the substance or mixture			
	Exposure hazards				
	In combustion emits	toxic fumes.			
5.3	Advice for fire-fighte	rs			
	Wear protective cloth	ing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.			
6.	Accidental release m	neasures			
6.1	Personal precautions, protective equipment and emergency procedures				
	Personal precautions				
		SDS for personal protection details.			
6.2	Environmental preca				
	Do not discharge into				
6.3		al for containment and cleaning up			
	Clean-up procedures	a with large amounts of water			
6.4	Reference to other s	e with large amounts of water.			
0.4	Refer to section 8 of				
7.	Handling and storage	e			
7.1	Precautions for safe	handling			
	Handling requirements				
	Avoid the formation of	or spread of dust in the air.			
7.2	Conditions for safe s	storage, including any incompatibilities			
	Storage conditions				
	Avoid contact with wa	ater or humidity. Keep container tightly closed. Store in cool, well ventilated area.			
7.3	Specific end use(s)				
	No data available.				
8.	Exposure controls/p	ersonal protection			
8.1	Control parameters				
	Workplace exposure limits				
		ure limit control parameters set			
8.2	Exposure controls				

Glentham LIFE SCIENCES

Safety Data Sheet

www.glentham.com

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	No data available.
Colour	No data available.
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 No data available.

Glentham LIFE SCIENCES

Safety Data Sheet

www.glentham.com

d)	Respiratory or skin se No data available.	ensitisation
e)	Germ cell mutagenicit No data available.	59
f)	Carcinogenicity	
	No data available.	
g)	Reproductive toxicity	
	No data available.	
h)	STOT-single exposure	8
	No data available.	
i)	STOT-repeated expos	ure
	No data available.	
j)	Aspiration hazard No data available.	
	Symptoms / routes of	
	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 I	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 pe	otential.
12.4	Mobility in soil	
	No data available.	
12.5	Results of PBT and vi	PvB assessment
	This substance is not	identified as a PBT substance.
12.6	Endocrine disrupting	properties
	This substance is not	identified as having endocrine disrupting properties
12.7	Other adverse effects	
	No data available.	
13.	Disposal consideratio	
13.1	Waste treatment meth	nods

GM6086 v3.0



Safety Data Sheet

www.glentham.com

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	TEXIS
	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



Safety Data Sheet www.glentham.com

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.

Copyright © 2023 Glentham Life Sciences Limited. All rights reserved.