GE5959 v2.0



### Safety Data Sheet

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

#### Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

1.

i loudet identilier	
Product code	: GE5959
Product name	: Buffer solution, pH 4.0
CAS number	: -
EINECS	: -
Physical form	: liquid, mixture
REACH	: A registration number is not available 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.

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

PC21: Laboratory chemicals.

#### 1.3 Details of the supplier of the safety data sheet

: 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
	Unit 5 Leafield Way Corsham SN13 9SW	Unit 5 Leafield Way Fax Corsham SN13 9SW Email	Unit 5 Leafield Way Fax : Corsham SN13 9SW Email :

#### 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

This substance is not identified as a PBT substance.

#### 3.0 Composition/information on ingredients

#### 3.2 Mixtures

4.2

#### 4. First aid measures

Eye contact

Ingestion

#### 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.	
Most important symptoms and effects, both acute and delayed		
Skin contact	There may be mild irritation at the site of contact. No symptoms.	

There may be irritation and redness. No symptoms.

There may be irritation of the throat. No symptoms.

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Instantion         No symptoms.           Indication of any immediate detects         Immediate effects can be expected after short-term exposure.           Indication of any immediate medical attention and special treatment needed termstatist' precisit resumest.         Immediate effects can be expected after short-term exposure.           Firs-fighting mediate         Immediate effects can be expected after should be used. Use water spray to cool containers.           Special hazards artising from the substance or mixture represent access         Immediate for the summediate free should be used. Use water spray to cool containers.           Special hazards artising from the substance or mixture represent access         Immediate for firefighters           Vector for frefighters         Immediate of precentions, protective equipment and emergency procedures Personal procedures.           Personal procedures, protective equipment and emergency procedures Personal procedures.         Immediate of the solubility. Refer to section 8 of SDS for personal protection delates.           Contain the solable, tabeleted salvage container for disposal by an appropriate method. Absorb into dry earth or sand.         Reference to other sections           Contain the solable, tabeleted salvage container for disposal by an appropriate method. Absorb into dry earth or sand.         Reference to other sections           Preceditions for safe banding Handiar equipments         No data available.         Reference to other sections           Specific end use(s)         No data available.         Referenc		
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Engineering measures       No data available.         Respiratory protection       Respiratory protection not required.	No workplace expos	ure limit control parameters set
Respiratory protection Respiratory protection not required.	Exposure controls	
	Engineering measures	No data available.
Hand protection Protective gloves.	Respiratory protection	Respiratory protection not required.
	Hand protection	Protective gloves.

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Eye protection	Ensure eye bath is to han	d. Safety glasses.
Skin protection	Protective clothing.	
Physical and o	hemical properties	
Physical sta Colour Odour Melting poin Flammabilit Lower/Uppe Flash Point Auto-ignition Decomposit pH Kinematic v Solubility Partition coo Vapour pres Density/rela	t/Freezing point /initial boiling point/boiling range / r explosion limit n temperature ion temperature scosity fficient n-octanol/water sure tive density our pressure	ertiesLiquidColourlessNo data available.No data available.<
<b>Other informa</b> No data availa		
Stability and r	activity	
Reactivity		
Stable under re	commended transport or storage c	onditions.
Chemical stab	lity	
Stable under n	ormal conditions.	
Possibility of I	azardous reactions	
Hazardous reaction	15	
	may occur on exposure to conditio rage conditions.	ns or materials listed below. Hazardous reactions will not occur under normal
Conditions to	-	
Heat.		
Incompatible r	naterials	
Materials to avoid		
Strong acids.	trong oxidising agents.	
Toxicological	nformation	
Information or	toxicological effects	
<b>Acute toxicity</b> No data availa	ble.	
<b>Skin corrosio</b> r No data availa		
<b>Serious eye d</b> a No data availa	mage/irritation	
	skin sensitisation	
<b>Germ cell mut</b> No data availa		

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f)	<b>Carcinogenicity</b> No data available.		
g)	<b>Reproductive toxicity</b> No data available.	,	
h)	<b>STOT-single exposur</b> No data available.	e	
i)	STOT-repeated expos	sure	
	No data available.		
j)	Aspiration hazard No data available.		
11.2	Symptoms / routes of	f exposure	
	Skin contact	There may be mild irritation at the site of contact. No symptoms.	
	Eye contact	There may be irritation and redness. No symptoms.	
	Ingestion	There may be irritation of the throat. No symptoms.	
	Inhalation	No symptoms.	
	Delayed / immediate	Immediate effects can be expected after short-term exposure.	
	Other information	No data available.	
12.	Ecological informatio	'n	
12.1	Toxicity		
	No data available.		
12.2	Persistence and degr	adability	
	Biodegradable.		
12.3	Bioaccumulative potential		
	No bioaccumulation potential.		
12.4	Mobility in soil		
	Readily absorbed into soil.		
12.5	Results of PBT and vPvB 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 consideration	ons	
13.1	Waste treatment meth	hods	
	Disposal operations		
	Transfer to a suitable	container and arrange for collection by specialised disposal company.	
	NB		
	The user's allention is	s drawn to the possible existence of regional or national regulations regarding disposal.	
14.	Transport information	n	
	This product does not	require a classification for transport.	
15.	Regulatory information	on	
15.1		nental regulations/legislation specific for the substance or mixture	

# **Glentham** LIFE SCIENCES

### Safety Data Sheet

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This Safety Data Sheet is prepared in accordance with Commission Regulation (EC) 1907/2006, amended by Commission Regulation (EU) 2020/787.

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:	04 Aug 2016, Entry No.: 65		
	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

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 ADR ALARP CAS CLP COSHH EC Number EC50 EILINCS EINECS	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways European Agreement concerning the International Carriage of Dangerous Goods by Road As low as is reasonably practicable Chemical Abstracts Service Classification, Labelling and Packaging Regulations Control of Substances Hazardous to Health European Community Number Effective Concentration 50% European List of Notified Chemical Substances 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
VOC	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative
WEL	Workplace Exposure Limits

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