GM7814 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.

Product code	: GM7814
Product name	: 6-Mercapto-1-hexanol
CAS number	: 1633-78-9
Physical form	: liquid, substance
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

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

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

Hazards identification 2.

2.1 Classification of the substance or mixture

H315	Skin Irr. 2
H319	Eye Irr. 2A
H335	STOT SE 3
H336	STOT SE 3

2.2 Label elements

Label elements under CLP according to (EC) 1272/2008

Pictograms



Signal words	Warning
Hazard statements	
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
Precautionary stateme	ents
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P264	Do not breathe fume.
Other hazards	
РВТ	
This substance is not id	entified as a PBT substance.

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Composition/information on ingredients 3.0

3.1 Substances

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4.

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Name		Identifier	%	Classification
6-Mercapto-1-he	kanol	CAS: 1633-78-9 EC: REACH: Not applicable	98.0%	H315, Skin Irr. 2 H319, Eye Irr. 2A H335, STOT SE 3 H336, STOT SE 3
First aid measures				
Description of first	aid measures			
Skin contact		Remove all contaminated clot with plenty of soap and wate		vear immediately unless stuck to skin.
Eye contact	Consult a doctor. E	Bathe the eye with running wa	ter for 15 mir	nutes.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact	There may be irritation and redness at the site of contact.
Eye contact	The eyes may water profusely. There may be irritation and redness.
Ingestion	There may be soreness and redness of the mouth and throat.
Inhalation	Exposure may cause coughing or wheezing. 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.

Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.3 Indication of any immediate medical attention and special treatment needed

Consult a doctor. Wash out mouth with water

Immediate / special treatment

Eye bathing equipment should be available on the premises.

5. Fire-fighting measures

5.1 Extinguishing media

Ingestion

Inhalation

Suitable extinguishing media for the surrounding fire should be used.

Special hazards arising from the substance or mixture

Exposure hazards

5.2

In combustion emits toxic fumes.

5.3 Advice for fire-fighters

Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

Do not create dust. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. 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

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

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Refer to section 8 of SDS.

7. Handling and storage

7.1 Precautions for safe handling

Handling requirements

Avoid direct contact with the substance. Avoid the formation or spread of dust in the air. Do not handle in a confined space. Ensure there is sufficient ventilation of the area.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Avoid contact with water or humidity. Keep container tightly closed. Store in cool, well ventilated area.

7.3 Specific end use(s)

No data available.

8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits

No workplace exposure limit control parameters set

8.2 Exposure controls

Engineering measures	Ensure there is sufficient ventilation of the area.
Respiratory protection	Respiratory protective device with particle filter. Self- contained breathing apparatus must be available in case of emergency.
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	Liquid
Colour	Colourless
Odour	No data available.
Melting point/Freezing point	No data available.
Boiling point/initial boiling point/boiling range	118-119 °C @ Press: 15 Torr
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

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Stable under normal conditions.

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Hazdow reactions Decomposition may occur on exposure to conditions or materials listed below. Hazardous reactions will not occur under normal transport or storage conditions. Conditions to avoid Internation Heal. Conditions to avoid Mean compatible materials Materials Materials to avoid Strong acids. Strong outdising agents. 11. Toxicological information 12. Respiration to toxicological effects 13. Information on toxicological effects 14. Toxicological information 15. String corresion/inflation (Category 2) 16. String corresion/inflation (Category 2) 17. General available. 18. Corresion/inflation (Category 2) 19. Service systamage/e/w irritation (Category 2) 10. General mutage/e/w irritation (Category 2A) 10. General available. 10. General available. 10. General available. 10. String corresponter 11. Torrespected exposure 12. String constant tox/city, single exposure, Respiratory trati ritation (Category 3)	10.3	Possibility of hazardo	us reactions	
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12. Ecological information		Delayed / immediate effects	Immediate effects can be expected after short-term exposure.	
		Other information	No data available.	
^{12.1} Toxicity	12.	Ecological information	1	
	12.1	Toxicity		

- No data available.
- 12.2 Persistence and degradability

Biodegradable.

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Bioaccum	ulative potential	
No bioacc	umulation potential.	
Mobility in	soil	
No data av	vailable.	
Results of	PBT and vPvB assessment	
This subst	ance is not identified as a PBT substance.	
Endocrine	disrupting properties	
This subst	ance is not identified as having endocrine disrupting properties	
Other adv	erse effects	
No data av	vailable.	
Disposal o	considerations	
Waste trea	tment methods	
Disposal ope	rations	
Transfer to	a suitable container and arrange for collection by specialised disposal compa	any.
NB		
The user's	attention is drawn to the possible existence of regional or national regulations	s regarding disposal.
Transport	information	
This produ	ct does not require a classification for transport.	
Regulator	y information	
	n and environmental regulations/legislation specific for the substance or mixture	
This Safet	y Data Sheet is prepared in accordance with Commission Regulation (EC) 19 (EU) 2020/787.	07/2006, amended by Commission
-	rs/Restrictions	
Regulat authoris	ion (EC) 1907/2006, REACH, Annex XIV list of substances subject to sation:	No data available.
•	ion (EC) 1907/2006, REACH, Annex XVII restrictions on the manufacture, pla narket and use of certain dangerous substances:	acing No data available.
-	ion (EC) 1005/2009 on substances that deplete the ozone layer:	No data available.
Regulat 2019/10	ion (EC) 850/2004 on persistent organic pollutants, amended by (EU) No 021:	No data available.
Chemical saf	ety assessment	
A chemica	I safety assessment has not been carried out for the substance or the mixture	e by the supplier.
Other info	rmation	
H-Stateme	nt Full Texts	
H315	Causes skin irritation	
H319 H335	Causes serious eye irritation May cause respiratory irritation	
H336	May cause drowsiness or dizziness	
Abbreviati	ons Full Texts	
ADN	European Agreement concerning the International Carriage of Dang	erous Goods by Inland Waterways

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

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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.

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