Glentham LIFE SCIENCES

Safety Data Sheet

www.glentham.com

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

		ana (20) 2020/010				
Identification of the sub	bstance/mixture and of the	company/undertakin	g			
Product identifier	Product identifier					
Product code:Product name:CAS number:Physical form:REACH:	0	orm not available for this s tration, the annual ton	ubstance nage doe	e as the substance or its uses es not require a registration or		
Relevant identified uses of the substance or mixture and uses advised against						
PC21: Laboratory chem	nicals.					
Details of the supplier of	of the safety data sheet					
Company name :	Glentham Life Sciences I Unit 5 Leafield Way Corsham SN13 9SW United Kingdom	Ltd Telephon Fax Email Web	: +4 : in	44 (0) 1225 667 798 44 (0) 2033 978 909 nfo@glentham.com ww.glentham.com		
Emergency telephone	number					
Emergency telephone : number	NHS Direct 111 (UK, 24	hours), 112 (EU, 24 H	ours), +4	14 (0) 1225 667 798 (09.00 – 17.00 GMT)		
Hazards identification						
Classification of the su	Classification of the substance or mixture					
Classification under CLP acc	ording to (EC) 1272/2008					
This product has no cla	This product has no classification under CLP.					
Label elements						
Label elements under CLP ac	Label elements under CLP according to (EC) 1272/2008					
This product has no label elements.						
Other hazards						
PBT						
This substance is not id	lentified as a PBT substanc	e.				
Composition/informatio	on on ingredients					
Substances						
Name		Identifier	%	Classification		
Magnesium oxide Nar 35 nm/ SSA g.t.50 m2	nopowder, 99.9% [APS 2/g]	CAS: 1309-48-4 EC: REACH: Not applicable	99.9%	% Not classified		
First aid measures						
Description of first aid	Description of first aid measures					
Skin contact	Wash immediately with ple	enty of soap and wate	r.			
Eye contact Bathe the eye with running water for 15 minutes.						
Lye contact	Baule ule eye with fullining	g water for 15 minutes				
Ingestion	Wash out mouth with wate					

Most important symptoms and effects, both acute and delayed 4.2

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.
4.2		
4.3	Indication of any immediate / special treatme	ediate medical attention and special treatment needed
	No data available.	nt
	No data avaliable.	
5.	Fire-fighting measures	S
5.1	Extinguishing media	
	Suitable extinguishing	media for the surrounding fire should be used.
5.2	Special hazards arisin	ng from the substance or mixture
	Exposure hazards	
	In combustion emits to	oxic fumes.
5.3	Advice for fire-fighters	S
	Wear protective clothin	ng to prevent contact with skin and eyes. Wear self-contained breathing apparatus.
6.	Accidental release me	pasures
6.1	Personal precautions,	protective equipment and emergency procedures
	Personal precautions	
	Refer to section 8 of S	DS for personal protection details.
6.2	Environmental precau	itions
	Do not discharge into	drains or rivers.
6.3	Methods and material	for containment and cleaning up
	Clean-up procedures	
		with large amounts of water.
6.4	Reference to other see	
	Refer to section 8 of S	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	Conditions for safe st	orage, including any incompatibilities
	Storage conditions	
	Avoid contact with wat	ter 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	rsonal protection
8.1	Control parameters	
	Workplace exposure limits	

Glentham

Safety Data Sheet

www.glentham.com

Substance (CAS)	Control Parameter	Value	Notes	Source
Magnesium oxide (a: inhalable dust fume respirable dust (1309-48-4) Exposure controls	s Mg) Long-term Exposure Limit (mg m ⁻³)	10,4		UK HSE EH40/2005
Engineering measures	No data available.			
Respiratory protection	Respiratory protective device with particle file	ter.		
Hand protection	Protective gloves.			
Eye protection	Ensure eye bath is to hand. Safety glasses.			
Skin protection	Protective clothing.			

9. Physical and chemical properties

8.2

9.1 Information on basic physical and chemical properties

Physical state	Solid
Colour	White
Odour	No data available.
Melting point/Freezing point	2800 °C
Boiling point/initial boiling point/boiling range	3600 °C
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	3.580
Relative vapour pressure	No data available.
Particle characteristics	No data available.
other information	

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

Glentham LIFE SCIENCES

Safety Data Sheet

www.glentham.com

11.1	Information on toxico	logical offacts	
a)	Acute toxicity		
.,	-	Mg) inhalable dust fume respirable dust	
	No data available.		
b)	Skin corrosion/irritatio	on	
c)	No data available.		
C)	Serious eye damage/i No data available.	rritation	
d)	Respiratory or skin se	ensitisation	
	No data available.		
e)	Germ cell mutagenicit	ty	
	No data available.		
f)	Carcinogenicity		
a)	No data available.		
g)	Reproductive toxicity No data available.		
h)	STOT-single exposure	9	
	No data available.		
i)	STOT-repeated expos	ure	
	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 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		
12.1	Toxicity		
	No data available.		
12.2	Persistence and degra	adability	
	Biodegradable.		
12.3	Bioaccumulative pote		
40.4	No bioaccumulation po	otential.	
12.4	Mobility in soil		
10 E	No data available.		
12.5	Results of PBT and vi	PvB assessment identified as a PBT substance.	



Safety Data Sheet

www.glentham.com

^{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 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. 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

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



Safety Data Sheet

www.glentham.com

REACH RID	Registration, Evaluation, Authorisation and Restriction of Chemicals 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

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.