GX9439 v2.0



Safety Data Sheet

www.glentham.com

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

United Kingdom

1.	Identification of the substance/mixture and of the company/undertaking				
1.1	Product identifier				
	Product name : CAS number : Physical form :	GX9439 Boron carbide 12069-32-8 solid, substance A registration number is not availab are exempted from registration, the		stance as the substance or its uses ge does not require a registration or	
4.0	the registration is envisaged for a later registration deadline.				
1.2	2 Relevant identified uses of the substance or mixture and uses advised against			ainst	
	PC21: Laboratory chem	nicals.			
1.3	Details of the supplier of the safety data sheet				
	Company name :	Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW	Telephone Fax Email	 +44 (0) 1225 667 798 +44 (0) 2033 978 909 info@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

Web

: www.glentham.com

2. Hazards identification

2.1 Classification of the substance or mixture

Classification u	under CLP	according to	(EC)	1272/2008

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 statements	
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
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 identif	ied as a PBT substance.

3.0 Composition/information on ingredients

2.3

Glentham

Safety Data Sheet

www.glentham.com

3.1 Substances

Name	Identifier	% Classification
Boron carbide	CAS: 12069-32-8 EC: REACH: Not applicable	H315, Skin Irr. 2 H319, Eye Irr. 2A H335, STOT SE 3 H336, STOT SE 3

4. First aid measures

4.1 Description of first aid measures

Skin contact	Consult a doctor. Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
Eye contact	Consult a doctor. Bathe the eye with running water for 15 minutes.
Ingestion	Consult a doctor. Wash out mouth with water.
Inhalation	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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	have a first of the start of the start of the start to start a start of the start o

Delayed / immediate effects can be expected after short-term exposure.

Indication of any immediate medical attention and special treatment needed

Immediate / special treatment

Eye bathing equipment should be available on the premises.

5. Fire-fighting measures

4.3

5.1 Extinguishing media

Suitable extinguishing media for the surrounding fire should be used.

5.2 Special hazards arising from the substance or mixture

Exposure hazards

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.

Glentham

Safety Data Sheet

www.glentham.com

6.4 Reference to other sections

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	Solid			
Colour	Grey			
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	72 "g/L @ 20 °C			
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.			
her information				

9.2 Other information

No data available.

10. Stability and reactivity

10.1 Reactivity

Stable under recommended transport or storage conditions.

Glentham LIFE SCIENCES

Safety Data Sheet

www.glentham.com

10.2	Chemical stability	
	Stable under normal co	onditions.
10.3	Possibility of hazardo	us reactions
	Hazardous reactions	
	Decomposition may oc transport or storage co	ccur on exposure to conditions or materials listed below. Hazardous reactions will not occur under normal nditions.
10.4	Conditions to avoid	
	Heat.	
10.5	Incompatible materials	5
	Materials to avoid	
	Strong acids. Strong o	xidising agents.
11.	Toxicological informat	tion
11.1	Information on toxicol	ogical effects
a)	Acute toxicity	
	No data available.	
b)	Skin corrosion/irritatio	
c)	Skin corrosion/irritation	
c)	Serious eye damage/ir Serious eve damage/e	ye irritation (Category 2A)
d)	Respiratory or skin se	
	No data available.	
e)	Germ cell mutagenicit	у
	No data available.	
f)	Carcinogenicity No data available.	
g)	Reproductive toxicity	
3/	No data available.	
h)	STOT-single exposure	
	Specific target organ to	oxicity, single exposure; Respiratory tract irritation (Category 3)
i)	STOT-repeated expos	ure
	No data available.	
j)	Aspiration hazard No data available.	
11.2	Symptoms / routes of	exposure
	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.
	Other information	No data available.
12.	Ecological information	1 Average and the second se
12.1	Toxicity	
	No data available.	

12.2 Persistence and degradability

GX9439 v2.0



Safety Data Sheet

www.glentham.com

.			
Biod	eara	adab	le.

12.3 Bioaccumulative potential

No bioaccumulation potential.

12.4 Mobility in soil

No data available.

^{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 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) 2020/787.

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:	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

H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness

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

GX9439 v2.0

Glentham

Safety Data Sheet

www.glentham.com

EC50 EILINCS EINECS GHS HSE IATA IM IMDG IP IV LD50 LOEC LTEL NOEC OECD PBT PPE REACH RID SC SDS STEL VOC	Effective Concentration 50% European List of Notified Chemical Substances European Inventory of Existing Commercial Chemical Substances Globally Harmonised System Health & Safety Executive UK International Air Transport Association Intramuscular The International Maritime Dangerous Goods Code Intraperitoneal Intravascular Lethal Dose 50% Lowest Observable Effective Concentration Long Term Exposure Limit No Observable Effective Concentration Organisation for Economic Cooperations and Development Persistent Bioaccumulative Toxic Personal Protective Equipment Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations Concerning the International Carriage of Dangerous Goods by Rail Subcutaneous Safety Data Sheet Short Term Exposure Limit Volatile Organic Compounds
STEL	,
	5
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) 2020/787.

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.