GK6355 v3.0



Safety Data Sheet

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Identification of the substance/mixture and of the company/undertaking Product Identifier CAS number EINECS Provision If or the substance or mixture and uses advised against PC21: Laboratory chemicals. Dotalis of the subplier of the substance or mixture and uses advised against PC21: Laboratory chemicals. Dotalis of the subplier of the substance or mixture and uses advised against PC21: Laboratory chemicals. Dotalis of the subplier of the substance or mixture and uses advised against PC21: Laboratory chemicals. Temergency telephone number Emergency telephone number Emergency telephone number Emergency telephone number Procentification Procentification Procentification Classification of the substance or mixture Classification of the substance or mixture Classif		According to REACH	Regulations (EC) 1907/2006 and (EU) 2020/878		
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Product name :: 4.4 ⁺⁻ Suffwyldiphenol (4.4 ⁺⁻ Dihydroxydiphenysiuffone) CAS number :: 80-09-1 EINECG :: 201-250-5 Physical form :: substance REACH :: are gistration number is not available for this substance on the substance on its uses are exempted from registration is darine registration deadline. 12 Relevant identified uses of the substance on mixture and uses advised against registration of deadline. PC21: Laboratory chemicals. Intergistration is dentised way 13 Details of the supplier of the safety data sheet Company name :: Glentham Life Sciences Lid Telephone :: indigglentham.com Unit 5 Leafled Way Fax :: indigglentham.com Unit 5 Leafled Way Eval :: www.glentham.com Unit 5 Leafled Way Eval :: www.glentham.com Unit 5 Leafled Way Eval :: :: www.glentham.com units 1 Laboratoric :: :: :: :: :: Cassification under CP execording to (50 1722000 :: :: :: :: : 1335 <	1.1				
PC21: Laboratory demicals. 13 Details of the supplier of the safety data sheet Company name :: Glentham Life Sciences Ltd :: Telephone :: +44 (0) 1225 667 798 Unit 5 Leaffeld Way :: Fax :: +44 (0) 2033 379 090 Corsham SN13 9SW :: Email :: : info@glentham.com Unit 5 Leaffeld Way :: Www.glentham.com Unit 5 Leaffeld Way :: Www.glentham.com Unit 6 Leaffeld Way :: Web :: :: :: :: :: :: :: :: :: :: :: :: ::		Product name CAS number EINECS Physical form	 4,4"-Sulfonyldiphenol (4,4"-Dihydroxydiphenylsulfone) 80-09-1 201-250-5 substance 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 		
Joetalis of the surfey data sheet Company name Glentham Life Sciences Ltd Telephone :: +44 (0) 1225 667 798 Unit is Learfield Way Fax :: +44 (0) 2033 679 3090 Corsham SN13 9SW Email :: info@glentham.com Unite Kingdom Web :: www.glentham.com Unite Kingdom Web :: www.glentham.com 14 Emergency telephone number Emergency telephone comber Emergency telephone :: NHS Direct 111 (UK, 24 hours), 112 (EU, 24 Hours), +44 (0) 1225 667 798 (09.00 – 17.00 GMT) number : Classification of the substance or mixture Classification under CLP according to (EC) 12722008 : Skin Irr. 2 H319 Eye Irr. 2A H335 STOT SE 3 22 Label elements Label elements : Gauses skin inflation H319 Causes skin inflation H319 Causes skin inflation H319 Causes serious eye inflation H336	1.2	Relevant identified u	ses of the substance or mixture and uses advised against		
Company name C Glentham Life Sciences Lid Telephone : +44 (0) 1225 667 798 Unit 5 Leafield Way Fax : +44 (0) 2033 978 909 Corsham SN13 95W Email : info@glentham.com United Kingdom Web : www.glentham.com 14 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 Classification 2. Hazards Idontification 2.1 Classification of the substance or mixture Classification under CLP according to (EC) 12722000 H315 Skin Ir. 2 H336 STOT SE 3 2.2 Label elements Label elements Excerding to (EC) 12722000 H336 STOT SE 3 2.2 Label elements Label elements Excerding to (EC) 12722000 Pictograms 		PC21: Laboratory che	emicals.		
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2.3 Other hazards		P261 P280 P302+P352 P305+P351+P338	Avoid breathing dust/fume/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.		
	2.3	Other hazards			

PBT

This substance is not identified as a PBT substance.

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3.0 Composition/information on ingredients

3.1 Substances

Name	Identifier	%	Classification
4,4"-Sulfonyldiphenol (4,4"-Dihydroxydiphenylsulfone)	CAS: 80-09-1 EC: 201-250-5 REACH: Not applicable	99.6%	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	Consult a doctor. Remove casualty from exposure ensuring one's own safety whilst doing so.
Meet immentent eur	materia and effects both couts and delayed

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.

4.3 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

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



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

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	No data available.
Colour	White
Odour	No data available.
Melting point/Freezing point	240.5 °C
Boiling point/initial boiling point/boiling range	168-169 °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	No data available.
Relative vapour pressure	No data available.
Particle characteristics	No data available.
Other information	

No data available.

10. Stability and reactivity

10.1 Reactivity

9.2



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	Stable under recomme	nded transport or storage conditions.		
10.2	Chemical stability			
	Stable under normal co	onditions.		
10.3	Possibility of hazardou	us reactions		
	Hazardous reactions			
	Decomposition may oc transport or storage co	cur 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			
	Materials to avoid			
	Strong acids. Strong ox	kidising agents.		
11.	Toxicological informat	ion		
11.1	Information on toxicol	ogical effects		
a)	Acute toxicity No data available.			
b)	Skin corrosion/irritatio	n		
	Skin corrosion/irritation	(Category 2)		
c)	Serious eye damage/ir			
		ye irritation (Category 2A)		
d)	Respiratory or skin se No data available.	nsitisation		
e)	Germ cell mutagenicity	V Contraction of the second		
	No data available.			
f)	Carcinogenicity			
	No data available.			
g)	Reproductive toxicity No data available.			
h)	STOT-single exposure			
,	0 1	exicity, single exposure; Respiratory tract irritation (Category 3)		
i)	STOT-repeated exposi			
	No data available.			
j)	Aspiration hazard			
	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.		
11.2	Information on other h	azards		
11.2.1	Endocrine disrupting pro	operties		

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11.2.2	Other information	
	No additional information	
12.	Ecological information	
12.1	Toxicity	
	No data available.	
12.2	Persistence and degradability	
	Biodegradable.	
12.3	Bioaccumulative potential	
	No bioaccumulation potential.	
2.4	Mobility in soil	
	No data available.	
2.5	Results of PBT and vPvB assessment	
	This substance is not identified as a PBT substance.	
2.6	Endocrine disrupting properties	
	This substance is not identified as having endocrine disrupting properties	
2.7	Other adverse effects	
	No data available.	
13.	Disposal considerations	
3.1	Waste treatment methods	
	Disposal operations	
	Transfer to a suitable container and arrange for collection by specialised disposal compa	any.
		and the second
	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	
5.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	
	This Safety Data Sheet is prepared in accordance with Commission Regulation (EC) 190 Regulation (EU) 2020/878.	07/2006, amended by Commission
	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, pla on the market and use of certain dangerous substances:	cing 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.
5.2	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	

H335May cause respiratory irritationH336May cause drowsiness or dizziness

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Abbreviations Full Texts

ADN ADR ALARP CAS CLP COSHH EC Number EC50 EILINCS EINECS GHS HSE IATA IM IMDG IP IV LD50 LOEC LTEL NOEC OECD PBT PPE REACH RID SC SDS STEL STOT	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 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 Specific Target Organ Toxicity
STEL	Short Term Exposure Limit
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.

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