GK5792 v2.0



Safety Data Sheet

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

1. Identification of the substance/mixture and of the company/undertaking 1.1 Product identifier : GK5792 Product code Product name : 1,8-Diazafluoren-9-one : 54078-29-4 CAS number Physical form : solid, 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 : Glentham Life Sciences Ltd Company name 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 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 3.1 Substances

Name	Identifier	%	Classification
1,8-Diazafluoren-9-one	CAS: 54078-29-4 EC: REACH: Not applicable	98.0%	Not classified

4. First aid measures

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.

4.2 Most important symptoms and effects, both acute and delayed

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No data available. Exposure controls/personal protection Control parameters	Avoid contact with wa	ter or humidity. Keep container tightly closed. Store in cool, well ventilated area.
Exposure controls/personal protection Control parameters	Specific end use(s)	
1 Control parameters	No data available.	
	Exposure controls/pe	ersonal protection
Workplace exposure limits	Control parameters	
	Workplace exposure limits	
No workplace exposure limit control parameters set	No workplace exposu	re limit control parameters set
² Exposure controls	Exposure controls	

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Engineering measures	No data available.
Respiratory protection	Respiratory protective device with particle filter.
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

Solid
Yellow
No data available.
205 °C
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

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

11.1 Information on toxicological effects

a) Acute toxicity No data available.

- b) Skin corrosion/irritation No data available.
- c) Serious eye damage/irritation No data available.

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d)	Respiratory or skin se No data available.	nsitisation
e)	Germ cell mutagenicit No data available.	у
f)	Carcinogenicity No data available.	
g)	Reproductive toxicity No data available.	
h)	STOT-single exposure No data available.	
i)	STOT-repeated exposition No data available.	ure
j)	Aspiration hazard No data available.	
11.2	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.
12.	Ecological information	1
12.1	Toxicity	
	No data available.	
12.2	Persistence and degra	Idability
	Biodegradable.	
12.3	Bioaccumulative poter	
	No bioaccumulation po	tential.
12.4	Mobility in soil	
	No data available.	
12.5	Results of PBT and vP	
40.0		dentified as a PBT substance.
12.6	Endocrine disrupting	
12.7	Other adverse effects	dentified as having endocrine disrupting properties
	No data available.	
13.	Disposal consideration	ns
13.1	Waste treatment meth	ods
	Disposal operations	
		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	



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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

Abbreviations Full Texts

Spice automo i un	
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
	Personal Protective Equipment
REACH	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
	Very Persistent and Very Bioaccumulative
WEL	Workplace Exposure Limits
	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 VOC VPVB

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.