GT9731 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 : GT9731 Product code Product name : Acridine Orange base : 494-38-2 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 Identifier % Classification Name Acridine Orange base CAS: 494-38-2 Not classified EC: REACH: Not applicable 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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Ski	in contact	There may be mild irritation at the site of contact.
Eye	e contact	There may be irritation and redness.
Ing	jestion	There may be irritation of the throat.
Inh	alation	There may be irritation of the throat with a feeling of tightness in the chest.
Del effe	layed / immediate ects	Immediate effects can be expected after short-term exposure.
Indi	cation of any imme	diate medical attention and special treatment needed
Imme	ediate / special treatmen	t
No d	data available.	
Fire	-fighting measures	
Exti	nguishing media	
Suit	able extinguishing r	nedia for the surrounding fire should be used.
Spe	cial hazards arising	from the substance or mixture
Expo	sure hazards	
In co	ombustion emits to	tic fumes.
Adv	ice for fire-fighters	
Wea	ar protective clothing	g to prevent contact with skin and eyes. Wear self-contained breathing apparatus.
Acc	idental release mea	Isures
Pers	sonal precautions,	protective equipment and emergency procedures
Perso	onal precautions	
Refe	er to section 8 of SE	OS for personal protection details.
Env	ironmental precaut	ions
Do r	not discharge into d	rains or rivers.
Met	hods and material f	or containment and cleaning up
Clear	n-up procedures	
Was	sh the spillage site v	vith large amounts of water.
Refe	erence to other sec	tions
Refe	er to section 8 of SE	DS.
Han	dling and storage	
Prec	cautions for safe ha	Indling
Hand	lling requirements	
Avo	id the formation or s	spread of dust in the air.
Con	ditions for safe sto	rage, including any incompatibilities
	age conditions	
Avo	id contact with wate	or or humidity. Keep container tightly closed. Store in cool, well ventilated area.
Spe	cific end use(s)	
	data available.	
No d		
_	osure controls/pers	sonal protection
Exp	osure controls/pers	sonal protection
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Exp Con Work	trol parameters	e limit control parameters set

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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

Physical state	Solid
Colour	Orange
Odour	No data available.
Melting point/Freezing point	181-182 °C
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	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

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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14. Transport information		The user's attention is	drawn to the possible existence of regional or national regulations regarding disposal.
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	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

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	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
	REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
	RID	Regulations Concerning the International Carriage of Dangerous Goods by Rail
	SC	Subcutaneous
	SDS	Safety Data Sheet
	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) 2020/787.

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.