GK5665 v3.0



## Safety Data Sheet

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#### (EC) 1007/2006 4 (ELI) 2020/878

	According to REACH Regulations (EC) 1907/2006 and (EU) 2020/878			
1.	Identification of the s	substance/mixture and of the company/undertaking		
1.1	Product identifier			
	Product code Product name CAS number EINECS Physical form REACH	<ul> <li>GK5665</li> <li>DL-Tropic acid</li> <li>552-63-6</li> <li>208-465-3</li> <li>solid, substance</li> <li>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.</li> </ul>		
1.2	Relevant identified us	ses of the substance or mixture and uses advised against		
	PC21: Laboratory che	emicals.		
1.3	Details of the supplier	er of the safety data sheet		
	Company name	: Glentham Life Sciences Ltd       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	e number		
	Emergency telephone number	e : NHS Direct 111 (UK, 24 hours), 112 (EU, 24 Hours), +44 (0) 1225 667 798 (09.00 – 17.00 GMT)		
2.	Hazards identification	n		
2.1	Classification of the s	substance or mixture		
	Classification under CLP according to (EC) 1272/2008			
	·	classification under CLP.		
2.2	Label elements			
	This product has no la	according to (EC) 1272/2008 abel elements		
2.3	Other hazards			
	PBT			
	This substance is not	identified as a PBT substance.		
3.0	Composition/informat	tion on ingredients		

#### 3.0 Composition/information on ingredients

#### 3.1 Substances

Name	Identifier	%	Classification	
DL-Tropic acid	CAS: 552-63-6 EC: 208-465-3 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.

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Most important symptoms and effects, both acute and delayed				
	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.		
	Indication of any imm	ediate medical attention and special treatment needed		
	Immediate / special treatme	nt		
	No data available.			
	Fire-fighting measures	S		
	Extinguishing media			
	Suitable extinguishing	media for the surrounding fire should be used.		
	Special hazards arisin	ng from the substance or mixture		
	Exposure hazards			
	In combustion emits to	oxic fumes.		
	Advice for fire-fighters	5		
	Wear protective clothin	ng to prevent contact with skin and eyes. Wear self-contained breathing apparatus.		
	Accidental release me	asures		
	Personal precautions, protective equipment and emergency procedures			
	Personal precautions			
	Refer to section 8 of S	DS for personal protection details.		
	Environmental precau	itions		
	Do not discharge into	drains or rivers.		
	Methods and material	for containment and cleaning up		
	Clean-up procedures			
	Wash the spillage site	with large amounts of water.		
	Reference to other see	ctions		
	Refer to section 8 of S	DS.		
	Handling and storage			
	Precautions for safe h			
	Handling requirements			
		spread of dust in the air.		
		orage, including any incompatibilities		
	Storage conditions			
	Avoid contact with wat	ter or humidity. Keep container tightly closed. Store in cool, well ventilated area.		
	Specific end use(s)			
	No data available.			
	Exposure controls/per	rsonal protection		
	Control parameters			
	Workplace exposure limits			
	No workplace exposur	re limit control parameters set		

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#### 8.2 Exposure controls

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	White
Odour	No data available.
Melting point/Freezing point	118 °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

### <sup>10.1</sup> Reactivity

Stable under recommended transport or storage conditions.

#### 10.2 Chemical stability

Stable under normal conditions.

#### <sup>10.3</sup> 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.

### <sup>10.4</sup> Conditions to avoid

Heat.

### <sup>10.5</sup> 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

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<ul> <li>No data available.</li> <li>Gerra cell mutagenicity         No data available.</li> <li>STOT-spied coopsure         Spiedmon / routes of exposure         Spiedmon / routes of exposure</li></ul>		No data available.	
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12.7 Other adverse effects No data available.	12.6		
No data available.			
	12.7		
13. Disposal considerations		No data available.	
	13.	Disposal consideration	ns

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#### 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

GK5665 v3.0



# Safety Data Sheet

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REACH RID SC SDS	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations Concerning the International Carriage of Dangerous Goods by Rail Subcutaneous 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.

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