

Trade name: Gliolan ® 30 mg/ml

Status: 18.12.2008

Version: 1.0.0 / GB

Date of printing: 18.12.2008

1.) Identification of the substance/preparation and of the company/undertaking**Identification of the substance or preparation****Trade name****Gliolan ® 30 mg/ml****Use of the substance/preparation**

pharmaceutics

Company/undertaking identification**Address**

medac Gesellschaft für klinische Spezialpräparate mbH

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Emergency telephone

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Advice on Safety Data Sheet

sdb_info@umco.de

2.) Hazards identification**Hazard symbols**

-

N O N E

Particular information pertaining specific risk for human / environment

Although this product is not subject to reporting requirements for hazardous products, we recommend compliance with the safety recommendations.

3.) Composition / information on ingredients**Chemical characterization**

5-amino-4-oxopentanoic acid

Substance / product identification

CAS no. 5451-09-2

EC no. 226-679-5

Molecular weight 167,61

Formula C₅H₁₀CINO₃**4.) First aid measures****After inhalation**

Ensure supply of fresh air.

After skin contact

In case of contact with skin wash off with water.

After eye contact

In case of contact with eyes rinse thoroughly with water.

After ingestion

Let plenty of water be drunk in small gulps. Seek medical advice if you feel unwell.

5.) Fire-fighting measures**Suitable extinguishing media**

Water; Foam; extinguishing powder

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Fire gas of organic material has to be classed invariably as respiratory poison.

In the event of fire, the following can be released:

Nitrous oxides (NO_x)

Hydrogen chloride (HCl)

Carbon dioxide (CO₂)

Carbon monoxide (CO)

Other information

Defeat developing combustible gases with water spray.

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6.) Accidental release measures

Personal precautions

Avoid dust formation.

Environmental precautions

Do not allow to enter soil, waterways or waste water canal.

Methods for cleaning up/taking up

Pick up mechanically. Send in suitable containers for recovery or disposal. Avoid raising dust. Clean thoroughly.

7.) Handling and storage

Handling

Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary).

Advice on protection against fire and explosion

Dust can form an explosive mixture with air. Take precautionary measures against static charges. Keep away from sources of heat and ignition.

Storage

Advice on storage assembly

Do not store together with oxidizing agents.

Further information on storage conditions

Keep container tightly closed. Store in a dry place.

8.) Exposure controls / personal protection

Exposure limit values

N O N E

Personal protective equipment

Respiratory protection

In case of dust formation, use a fine dust face mask.

Hand protection

Chemical resistant gloves (EN 374); Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product . Before use, the protective glove should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Eye protection

Safety glasses (EN 166)

Skin protection

Protective clothing

General protective and hygiene measures

Remove soiled or soaked clothing immediately. Wash hands and skin before breaks and after work. Do not eat, drink or smoke during work time. Do not inhale dust.

9.) Physical and chemical properties

General information

Form	Powder
Colour	white
Odour	odourless

Important health, safety and environmental information

Changes in physical state

Type	Melting temperature		
Value	150	- 156	°C

Bulk density

Value	appr.	400	kg/m³
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Solubility in water

Value		800	g/l
Reference temperature	20	°C	

10.) Stability and reactivity

Conditions to avoid

Extreme heat

Materials to avoid

Reactions with strong oxidising agents.

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Hazardous decomposition products
Nitrous gases; Hydrogen chloride (HCl)

11.) Toxicological information

Acute toxicity

Acute oral toxicity

Remarks No data available.

Acute dermal toxicity

Remarks No data available.

Acute inhalational toxicity

Remarks No data available.

Irritant/corrosive effects

Irritant effect on skin

Remarks No data available.

Irritant effect on eyes

Remarks No data available.

Sensitisation

Remarks No data available.

Effects after repeated or prolonged exposition (subacute, subchronic, chronic)

Mutagenicity

Type of examination In vivo mammalian germ cells - chromosome effects
Source HSDB
Remarks No experimental indications on genotoxicity in vivo found.

Reproduction toxicity

Remarks No data available.

Carcinogenicity

Remarks No data available.

Other information (chapter 11.)

Our data are not sufficient for a complete toxicological judgement. Follow the usual hygienic directives for handling with chemicals. Take the precautions customary when handling chemicals.

12.) Ecological information

Other adverse effects

Ecological data are not available.
Do not discharge product unmonitored into the environment.

13.) Disposal considerations

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

14.) Transport information

Other information (chapter 14.)

No hazardous material as defined by the transport regulations.

15.) Regulatory information

Labelling in accordance with EC directives

The product does not require a hazard warning label in accordance with EC Directives.

Hazard symbols

- N O N E

Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

Remarks Annex I: not listed.

16.) Other information

Further information

The information is based on our current knowledge however it does not represent a guarantee of product properties nor does it create any legal obligation.

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Sources of key data used to compile the data sheet:

EC Directive 67/548/EC resp. 99/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC as amended in each case.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Department issuing safety data sheet

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