

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifiers

Product name: Gentamicin sulfate, 10 mg/ml

Product number: P06-03021, P06-03025, P06-03050, P06-03100

Brand: PAN Biotech

Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Laboratory chemicals, Manufacture of substances

Details of the supplier of the safety data sheet

Company PAN Biotech GmbH

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Emergency telephone number

Emergency phone: +49-(0)8543-6016-30 or +49 151 51557123

2. HAZARDS INDENTIFICATION

Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008

Respiratory sensitization (Category 1) Skin sensitization (Category 1)

Label elements

Labeling according Regulation (EC) No 1272/2008

Pictogram

Signal word Warning Hazard statement(s)

H317 May cause an allergic skin reaction.

Precautionary statement(s)

P280 Wear protective gloves.
Supplemental Hazard Statements none

Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. COMPOSITION/INFORMATION ON INGREDIENTS

ComponentCAS-No.EC-No.ClassificationConcentration [%]Gentamycin, sulfate1405-41-0215-778-9Skin Sens. H317>=1 - < 10 %</td>

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4. FIRST AID MEASURES

General advice Consult a physician. Show this safety data sheet to the doctor in

attendance

In case of skin contact Wash off with soap and plenty of water. Consult a physician.

In case of eye contact Flush eyes with water as a precaution.

If swallowed Never give anything by mouth to an unconscious person. Rinse mouth

with water. Consult a physician.

If inhaled Move person into fresh air. If not breathing, give artificial respiration.

Consult a physician

Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been

thoroughly investigated.

Indication of any immediate medical attention and special treatment needed

No data available

5. FIREFIGHTING MEASURES

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture No data available

Advice for firefighters Wear self contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

Environmental precautions

Do not let product enter drains.

Methods and materials for cleaning up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Storage

Keep in properly labeled containers

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

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Respiratory protection

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Form: Form: liquid no data available Odour **Odour Threshold** no data available pН no data available Melting point/freezing point no data available Initial boiling point and boiling range no data available Flash point no data available **Evapouration rate** no data available Flammability (solid, gas) no data available Upper/lower flammability or explosive limits no data available Vapour pressure no data available Vapour density no data available Relative density no data available Water solubility no data available Partition coefficient: n-octanol/water no data available **Auto-ignition temperature** no data available **Decomposition temperature** no data available **Viscosity** no data available **Explosive properties** no data available Oxidizing properties no data available

10. STABILITY AND REACTIVITY

Reactivity
Chemical stability
Possibility of hazardous reactions
Conditions to avoid
Incompatible materials
Hazardous decomposition products

no data available
no data available
Oxidizing agents
no data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity no data available

Potential Health effects

Eyesno data availableSkinno data availableInhalationno data available

Specific effects
Carcinogenic effects

IARC:

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Mutagenic effects no data available
Reproductive toxicity no data available
Sensitisation no data available

12. ECOLOGICAL INFORMATION

Toxicity no data available

P06-03021 P06-03025 P06-03050 P06-03100 According to Regulation [EC] No. 1907/2006 Version 1.4 Revised 22/01/2020



Persistence and degradability

Bioaccumulative potential

Mobility in soil

Results of PBT and vPvB assessment

Other adverse effects

no data available
no data available
no data available
no data available

13. DISPOSAL CONSIDERATIONS

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle un-cleaned containers like the product itself.

Contaminated packaging

Dispose of as unused product

14. TRANSPORT INFORMATION

UN number

ADR/RID: - IMDG: - IATA: -

UN proper shipping name

ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods

Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

Packaging group

ADR/RID: - IMDG: - IATA: -

Environmental hazards

ADR/RID: no IMDG: Marine pollutant: no

Special precautions for user no data available

15. REGULATORY INFORMATION

IATA: no

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture No data available

Chemical Safety Assessment

No data available

16. OTHER INFORMATION

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. PAN Biotech GmbH shall not be held liable for any damage resulting from handling or from contact with the above product. See www.pan-biotech.com or reverse side of invoice or packing slip for additional terms and conditions of sale.