
Material Safety Data Sheet

Revision Date: 1-June-2016



1. Product and Company Information

Product Name Kanamycin
Cat. No. GG201
Company TransGen Biotech Co., Ltd.
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E-mail Address trans@transgen.com.cn

2. Hazards Identification

GHS - Classification

Signal Word: Danger



Health hazard

Reproductive toxicity	Category 1B
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Hazard statements: H360 - May damage fertility or the unborn child.

Precautionary statements:

P201- Obtain special instructions before use.

P308 + P313- IF exposed or concerned: Get medical advice/ attention.

Potential health effects

Eyes May cause eye irritation with susceptible persons.
Skin May be harmful if absorbed through skin. May cause skin irritation.
Inhalation May be harmful by inhalation.
Ingestion May be harmful if swallowed.

3. Composition

Chemical Name	CAS-No	Weight %
Kanamycin sulphate	25389-94-0	0.5-10

We recommend handling all chemicals with caution.

4. First Aid Measures

General advice	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes.
Inhalation	Move to fresh air.
Ingestion	Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Notes to physician Treat symptomatically.

5. Fire-Fighting Measures

Suitable extinguishing media	Water spray. Carbon dioxide (CO ₂). Foam. Dry chemical
Special protective equipment for firefighters	Wear self-contained breathing apparatus and protective suit.

6. Accidental Release Measures

Personal precautions	Use personal protective equipment.
Methods for cleaning up	Soak up with inert absorbent material.
Environmental precautions	Prevent further leakage or spillage if safe to do so.

7. Handling and Storage

Handling	Always wear recommended Personal Protective Equipment. No special handling advice required.
Storage	Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers

8. Exposure Controls/Personal Protection

Exposure limits: We are not aware of any national exposure limit.

9. Physical and Chemical Properties

General Information

Form: liquid

Water solubility: soluble

Others: No information available.

10. Stability and Reactivity

Stability	Stable under normal conditions
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Materials to avoid	No information available
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Polymerization	None under normal processing.
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11. Toxicological Information

Acute toxicity	Not hazardous
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Principle Routes of Exposure/ Potential

Health effects

Eyes	May cause eye irritation with susceptible persons.
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Skin	May be harmful if absorbed through skin. May cause skin irritation.
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Inhalation	May be harmful by inhalation.
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Ingestion	May be harmful if swallowed.
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Carcinogenic effects	No information available.
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Mutagenic effects	No information available.
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Reproductive toxicity	No information available.
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Sensitization	No information available.
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12. Ecological Information

Ecotoxicity effects	No information available.
Mobility	No information available.
Biodegradation	No information available.
Bioaccumulation	No information available.

13. Disposal Considerations

Dispose of in accordance with local regulations.

14. Transport Information

IATA

Proper shipping name	Not classified as dangerous in the meaning of transport regulations
Hazard class	none
Subsidiary Class	none
Packing group	none
UN-No	none

15. Regulatory Information

International Inventories	Complies
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16. Other Information

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

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End of Safety Data Sheet