

1. Identification of the substance/mixture and of the company/undertaking
- 1.1 Product Identifier
- Product name : Neomycin sulfate  
Product code : GA6251  
CAS number : 1405-10-3  
EINECS : 215-773-1
- 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
- Company name : Glentham Life Sciences Ltd  
Unit 5 Ingoldmells Court  
Edinburgh Way  
Corsham  
Wiltshire, SN13 9XN
- Telephone : +44 (0) 2033 978 798  
Fax : +44 (0) 2033 978 909  
Email : info@glentham.com  
Web : www.glentham.com
- 1.4 Emergency telephone number
- Emergency telephone number: +44 (0) 2033 978 798 (09.00 - 17.00 GMT)
- 1.5 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.
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2. Hazards identification
- 2.1 Classification of the substance or mixture
- Classification under CLP  
Resp. Sens. 1, Skin Sens. 1.
- 2.2 Label elements
- Label elements under CLP
- Pictograms
- Signal words : Danger
- Hazard statements
- H317 : May cause an allergic skin reaction.  
H334 : May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- Precautionary statements
- P261 : Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280 : Wear protective gloves/protective clothing/eye protection/face protection.  
P302 + P352 : In case of inadequate ventilation wear respiratory protection.  
P302 + P352 : IF ON SKIN: Wash with plenty of soap and water.  
P342 + P311 : If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
- 2.3 Other hazards
- PBT  
This substance is not identified as a PBT substance.
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- 3.0 Composition/information on ingredients
- 3.1 Substances
- Product name : Neomycin sulfate  
CAS number : 1405-10-3  
EINECS : 215-773-1
- MW: 908.87 (anhydrous)  
MF: C23H46N6O13 · 3H2SO4 · xH2O

- Ingestion  
Wash out mouth with water. Consult a doctor.
- Inhalation  
Consult a doctor. Remove casualty from exposure ensuring one's own safety whilst doing so.
- 4.2 Most important symptoms and effects, both acute and delayed
- Skin contact  
There may be irritation and redness at the site of contact.
- Eye contact  
There may be irritation and redness. The eyes may water profusely.
- Ingestion  
There may be soreness and redness of the mouth and throat.
- Inhalation  
There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.
- Delayed / immediate effects  
Immediate effects can be expected after short-term exposure.
- 4.3 Indication of any immediate medical attention and special treatment needed
- Immediate / special treatment  
Eye bathing equipment should be available on the premises.
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- 5.0 Fire-fighting measures
- 5.1 Extinguishing media  
Suitable extinguishing media for the surrounding fire should be used.
- 5.2 Special hazards arising from the substance or mixture
- Exposure hazards  
In combustion emits toxic fumes.
- 5.3 Advice for fire-fighters  
Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
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- 6.0 Accidental release measures
- 6.1 Personal precautions, protective equipment and emergency procedures
- Personal precautions  
Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not create dust.
- 6.2 Environmental precautions  
Do not discharge into drains or rivers.
- 6.3 Methods and material for containment and cleaning up
- Clean-up procedures  
Transfer to a closable, labelled salvage container for disposal by an appropriate method.
- 6.3 Reference to other sections  
Refer to section 8 of SDS.
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- 7.0 Handling and storage
- 7.1 Precautions for safe handling
- Handling requirements  
Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air. Avoid direct contact with the substance.
- 7.2 Conditions for safe storage, including any incompatibilities
- Storage conditions  
Store in cool, well ventilated area. Keep container tightly closed. Avoid contact with water or humidity.
- 7.3 Specific end use(s)  
No data available.
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- 8.0 Exposure controls/personal protection

- 8.1 Control parameters
- Workplace exposure limits  
Not applicable.
- 8.2 Exposure controls
- Engineering measures  
Ensure there is sufficient ventilation of the area.
- Respiratory protection  
Respiratory protective device with particle filter. Self-contained breathing apparatus must be available in case of emergency.
- Hand protection  
Protective gloves.
- Eye protection  
Safety glasses. Ensure eye bath is to hand.
- Skin protection  
Protective clothing.
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- 9.0 Physical and chemical properties
- 9.1 Information on basic physical and chemical properties
- Physical Form: Powder  
Colour: Off-white
- 9.2 Other information  
Not applicable.
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- 10.0 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  
Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
- 10.4 Conditions to avoid  
Heat.
- 10.5 Incompatible materials
- Materials to avoid  
Strong acids. Strong oxidising agents.
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- 11.0 Toxicological information
- 11.1 Information on toxicological effects
- Toxicity values  
Not applicable.
- 11.2 Information on toxicological effects
- Skin contact  
There may be irritation and redness at the site of contact.
- Eye contact  
There may be irritation and redness. The eyes may water profusely.
- Ingestion  
There may be soreness and redness of the mouth and throat.
- Inhalation  
There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.
- Delayed / immediate effects  
Immediate effects can be expected after short-term exposure.
- Other information

- 12.0 Ecological information
- 12.1 Toxicity  
Not applicable.
- 12.2 Persistence and degradability  
Biodegradable.
- 12.3 Bioaccumulative potential  
No bioaccumulation potential.
- 12.4 Mobility in soil  
Readily absorbed into soil.
- 12.5 Results of PBT and vPvB assessment  
This substance is not identified as a PBT substance.
- 12.6 Other adverse effects  
Negligible ecotoxicity.
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- 13.0 Disposal considerations
- 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.
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- 14.0 Transport information
- This product does not require a classification for transport.
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- 15.0 Regulatory information
- Safety, health and environmental regulations/legislation specific for the substance or mixture  
Not applicable.
- Chemical Safety Assessment  
A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.
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- 16.0 Other information
- Other information  
This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.
- Legal disclaimer  
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 company shall not be held liable for any damage resulting from handling or from contact with the above product.