MATERIAL SAFETY DATA SHEET
GENETICIN G-418, DISULFATE SALT

1. Product and Company Identification

Teknova Inc.
2290 Bert Dr.
Hollister, CA 95023
Telephone Number: 831-637-1100

Emergency Contacts/Telephone Numbers
Chemtrec Emergency Phone Number: (800) 424-9300

Issue Date: 08/06/2009
Catalog Number: G5001
Product Name: Geneticin G-418, Disulfate Salt

2. Composition/Information On Ingredients

Ingredients	Cas Number	Sara #:
GENETICIN G-418, DISULFATE SALT	108321-42-2	N/A

3. Hazards Identification

Emergency Overview
OSHA Hazards
Delayed target organ effects
Target Organs
Kidney, ears

HMIS Rating
Health: 0
Flammability: 0
Reactivity: 0

NFPA Rating
Health: 0
Flammability: 0
Reactivity: 0

Refer to section 11 for more information.

4. First Aid Measures

Eye
In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.
Skin
In case of contact, immediately wash skin with soap and copious amounts of water. Wash contaminated clothing before reuse.
Inhalation
If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
Ingestion
If swallowed, wash out mouth with water provided person is conscious. Call a physician.

5. Firefighting Measures

Extinguishing Media
Water spray. Carbon dioxide, dry chemical powder or appropriate foam.
Firefighting Procedures
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Unusual Fire and Explosions Hazards
Emits toxic fumes under fire conditions.

6. Accidental Release Measures

Personal Precautions
Avoid dust formation.
Environmental Precautions
Do not let product enter drains.
Methods For Cleaning Up
Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. Handling and Storage

Handling
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
Storage
Keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls/Personal Protection

Personal Protective Equipment
Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.
General Hygiene Measures
Safety shower and eye bath. Do not inhale. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

9. Physical and Chemical Properties

Appearance and Physical Properties: solid
Safety Data: N/A

10. Stability and Reactivity

Stability
Stable: stable.
Materials to avoid: strong oxidizing agents.
Hazardous Decomposition Products
Hazardous Decomposition Products Formed Under Fire Conditions.
Carbon oxides, nitrogen oxides (NOX), sulphur oxides
Hazardous Polymerization
Hazardous polymerization will not occur.

11. Toxicological Information

Acute Toxicity
N/A
Irritation and Corrosion
N/A
Sensitization
N/A
Chronic Exposure
N/A
Signs and Symptoms of Exposure
Aminoglycosides are associated with significant nephrotoxicity and/or ototoxicity.
Potential Health Effects
Inhalation may be harmful if inhaled. May cause respiratory tract irritation.
Skin may be harmful if absorbed through skin. May cause skin irritation.
Eyes may cause eye irritation.
Ingestion may be harmful if swallowed.
Target Organs kidney, ears

12. Ecological Information

Data not yet available.

13. Disposal Considerations

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

14. Transport Information

DOT
Proper shipping name: none
Non-Hazardous for transport: this substance is considered to be non-hazardous for transport.
IATA
Non-Hazardous for aid transport: non-hazardous for air.

15. Regulatory Information

OSHA Hazards
Delayed target organ effects
TSCA Status
Not on TSCA inventory
Geneticin CAS-No. 108321-42-2
DSL Status
This product contains the following components that are not on the Canadian DSL nor NDSL lists.
Geneticin CAS-No. 108321-42-2

United States Regulatory Information
SARA listed: no

Canada Regulatory Information
WHMIS classification: this product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.
DSL: no
NDSL: no

16. Other Information

Disclaimer
For R&D use only. Not for drug, household or other uses.

Warranty
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Teknova, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

Teknova, Inc.