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SECTION 1: IDENTIFICATION

Effective Date: 12/17/96
Product Name: Gentamycin Sulfate
Chemical Formula: 21H43N5O7 · H2SO4
CAS No.: 1405-41-0

SECTION 2: HAZARDOUS INGREDIENTS:

Slightly dangerous in case of ingestion. Very slightly to slightly dangerous in case of eye contact (irritant), of skin contact (irritant, permeator), of inhalation. Slightly dangerous to dangerous in case of skin contact (irritant). Product may irritate eyes and skin upon contact.

SECTION 3: PHYSICAL DATA

Physical Data:

Appearance and Odor:	solid, powder, white
Boiling point: (760 mmHg)	decomposes
Vapor Pressure (mmHg):	n/a
Specific Gravity (Water = 1):	n/a
Solubility in water: (by weight)	partially soluble in cold water, hot water
Melting Point:	218°C (424.4°F)
Volatility:	n/a
Vapor Density:	n/a

SECTION 4: FIRE AND EXPLOSION DATA

Fire and Explosion Information:

Combustible?:	Yes
Flash point:	n/a
Flammable limit:	n/a
Extinguishing Media:	Small fire: dry chemicals, CO2, water spray or foam. Large fire: Use water spray, fog or foam. Do not use
Unusual Fire and Explosion Hazards:	No specific info available

SECTION 5: REACTIVITY DATA

Reactivity Data:

Stable X Unstable

Conditions to Avoid:	non-corrosive in presence of glass
Incompatibilities:	no specific information is available
Hazardous Decomposition or byproducts:	Products of combustion are carbon oxides and nitrogen oxides and sulfur oxides. Products of degradation are more toxic.
Hazardous Polymerization:	no

SECTION 6: HEALTH HAZARD DATA

Threshold Limit Value (TLV):	n/a
Routes of Entry:	ingestion

Toxicity:

Oral LD50 (mouse):

n/a

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spillage:

of

Small spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose according to local and regional authority requirements. Large spill: Use shovel to put material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through sanitary system.

Disposal:

Recycle to process if possible. Consult your local or regional authorities.

SECTION 8: FIRST AID PROCEDURES

First Aid:

Eyes: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used.

Skin: Remove contaminated clothes as quickly as possible, protecting your own hands and body. Place victim under deluge shower. If chemical touches victim's exposed skin, such as hands, gently wash with running water and non-abrasive soap. Cold water may be used. Cover irritated skin with an emollient. Seek medical attention.

Inhalation: Allow victim to rest in well ventilated area. Seek medical attention

Ingestion: Remove dentures if any. Have conscious person drink several glasses of water or milk. Induce vomiting by sticking finger in throat. Lower head so vomit will not enter the mouth and throat. Never give an unconscious person anything to ingest. Seek medical attention.

SECTION 9: PRECAUTION TO BE TAKEN IN HANDLING AND STORING

Other Precautions:

Keep away from heat, sources of ignition, and strong oxidizing agents. Keep container dry, tightly closed, and in well ventilated, cool place. Ground all equipment containing material. Do not ingest or inhale dust. Evaporate residue under fume hood. Wear suitable protective equipment.

SECTION 10: SPECIAL PROTECTION INFORMATION

Ventilation:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below exposure limits.

Eye Protection:

Safety glasses

Protective Gloves:

Respiratory Protection:

Respirator when ventilation is inadequate

Other Protective Gear:

Lab coat

SECTION 11: TRANSPORT INFORMATION

DOT classification:

not a DOT regulated material

DOT pictograms: