



Material Safety Data Sheet

L-Glutamine-Pen-Strep Solution (Stabilized) Catalog # 400-110

Section I: Product Identification

Product Name:

L-Glutamine-Pen-Strep Solution (Stabilized)

Catalog Number:

400-110

Section II: Composition/Ingredients

Water
Penicillin G sodium salt
Streptomycin sulfate
L-alanyl-L-glutamine
Sodium Chloride

Section III: Health Hazard Data

Hazardous Components:

No Known Hazardous Components

Toxicity:

Not Established

Target Organs/Systems:

Ears. Kidneys.

Effects of Overexposure:

Prolonged or repeated exposure may cause allergic reactions in certain individuals.

First Aid Procedures:

If product gets into eyes, open eyelids with fingers and flush eyes with copious amounts of water for at least 15 minutes. If product gets on skin, wash the skin with soap and copious amounts of water. If swallowed and person is conscious, rinse mouth with water, consult a health care provider. If product is inhaled, get to fresh air. If there is any difficulty in breathing, seek medical attention. If there is any irritation, consult a health care provider.

Section IV: Physical Data

Appearance:

Clear liquid

Density:

N/A

Boiling Point:

N/A

Specific Gravity:

N/A

Vapor Density:

N/A

Vapor Pressure:

N/A

Evaporation rate:

N/A

H₂O Solubility:

N/A

Section V: Reactivity Data

Stability:

Stable

Conditions or Materials to Avoid:

Strong oxidizing agents.

Hazardous Polymerization:

To our knowledge will not occur.

Section VI: Fire & Explosion Hazard Data

Flammability:

Nonflammable

Flash Point:

N/A

Flammable Limits:

N/A

Extinguishing Media:

Use appropriate media for the surrounding fire. Carbon dioxide, dry chemical powder, appropriate foam or water spray.

Hazardous Combustion or Decomposition Products:

Carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides.

Special Fire Fighting Procedures:

Self-contained breathing apparatus and protective clothing is required. This product emits toxic fumes under fire conditions.

Section VII: Spill or Leak Procedures

In the event of a spill or leak:**Edit this section as needed:**

Wear suitable protective clothing including a dust mask or self contained respirator, rubber boots, chemical resistant/rubber/latex gloves. Use absorbent material such as vermiculite or sand to absorb spill. Put into a closed container for waste disposal. Clean spill area thoroughly. Contact a licensed professional waste disposal service to dispose of this material.

Disposal:

Abide by all local, state and federal regulations regarding waste disposal.

Section VIII: Handling & Storage Precautions**Handling:**

Avoid inhalation, contact with clothing, skin and eyes. Avoid repeated or prolonged exposure.

Eye/Skin Protection:

Wear suitable protective clothing, safety glasses with side shields and latex/rubber gloves are recommended.

Storage:

Store frozen at -20 to -10 °C.

Section IX: Special Precautions & Comments**Intended Use for Product:**

For laboratory R&D use only. Not for human use.

Section X: Disclaimer

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