



Material Safety Data Sheet

L-Glutamine Solution (Stabilized) Catalog # 400-106

Section I: Product Identification

Product Name:

L-Glutamine Solution (Stabilized)

Catalog Number:

400-106

Section II: Composition/Ingredients

L-alanyl-L-glutamine

Sodium citrate

Sodium chloride

Water

Section III: Health Hazard Data

Hazardous Components:

No Known Hazardous Components

Toxicity:

Not Established

Target Organs/Systems:

Not Established

Effects of Overexposure:

Not Established

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 for at least 15 minutes. Remove contaminated clothing. 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:

Colorless 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:

None that are established or known.

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:

Carbon dioxide, dry chemical powder, appropriate foam or water spray.

Hazardous Combustion or Decomposition Products:

Carbon monoxide

Carbon dioxide

Nitrogen oxides

Special Fire Fighting Procedures:

As in any fire, self-contained breathing apparatus and protective clothing may be required. Emits toxic fumes under fire conditions.

Section VII: Spill or Leak Procedures

In the event of a spill or leak:

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. Ventilate area after clean up. 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.

Special Precautions:

Not Applicable

Section X: Disclaimer

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