

Material Safety Data Sheet

OSHA "Hazard Communication" (29 CFR 1910.1200)

Glutamine-S 200 mM

L-alanyl-L-glutamine solution, 43.44 mg/mL in saline

CATALOG NO. 59212

Section I – Product Identification

Product Name:

Glutamine-S 200 mM, L-alanyl-L-glutamine solution, 43.44 mg/mL in saline

Product Number:

59212

Product Classification:

Cell Culture Reagent

The subject formulation is 43.44 grams of L-alanyl-L-glutamine (CAS No. 7647-14-5) per liter.

Section II – Physical Data

Appearance:

Clear solution

Section III – Hazardous Ingredients

Section Not Applicable.

Section IV – First Aid

In case of contact with eyes, flush thoroughly with water and contact a physician. In case of accidental swallowing, rinse the mouth with water, provided the person is conscious. Contact a physician. If inhaled, remove to fresh air. If breathing becomes difficult, contact a physician. In case of contact with skin, wash the affected area with copious quantities of soap and water. Should irritation occur, contact a physician.

Section V – Fire and Explosion Hazard Data

Extinguishing Media:

Water spray, dry chemical powder or appropriate foam.

Section VI – Health (Toxicological) Hazard Data

This product is a potential irritant to eyes, respiratory system and skin. The product may also be harmful if ingested. Complete toxicological properties have yet to be determined.

Section VII – Stability and Reactivity

Stable. Hazardous Polymerization will not occur.

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Section VIII – Special Protection Information

Eye Protection:

Safety glasses or goggles recommended.

Protective Gloves:

Chemical-resistant gloves recommended.

Respiratory Protection:

Protective mask recommended.

Ventilation:

Mechanical (general) or local exhaust.

Other Protection Equipment:

Safety shower and eye bath.

Section IX – Handling and Storage Precautions/Comments

Store at:

-10 to -40 C.

Intended Use:

For further manufacturing use. THIS PRODUCT IS NOT INTENDED FOR HUMAN OR THERAPEUTIC USE.

Section X – Spill or Leak Procedures

Spill:

Wear rubber (surgical latex) or other chemical-resistant gloves. Absorb on sand, vermiculite or other absorbent material. Place in a closed container and hold for waste disposal. Wash area thoroughly after clean-up is complete.

Waste Disposal:

Follow all Federal, state and local regulations for chemical waste disposal.

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