

Material Safety Data Sheet

according to ISO 11014-1 — 93/112/EC.

L-Glutamine Solution 200 mM

29.23 mg/mL in saline

CATALOG NO. 59202C

Observe all Import Permit requirements and normal safety regulations.

Section I – Identification of Substance

Product Name:

L-Glutamine Solution 200 mM, 29.23 mg/mL in saline

Product Number:

59202C

Section II – Composition/Data on Components

Product Classification:

Cell Culture Reagent

The subject formulation is 29.23 grams of L-glutamine (CAS Number 56-85-9) per liter in saline.

Section III – Hazards Identification

Section Not Applicable.

Section IV – First Aid Measures

Eye Contact:

In case of contact with eyes, flush thoroughly with water and contact a physician.

Ingestion:

In case of accidental swallowing, rinse the mouth with fresh water provided the person is conscious. Contact a physician.

Inhalation:

If inhaled, remove to fresh air. Give oxygen if breathing becomes difficult. If not breathing, give artificial respiration. Contact a physician.

Skin Contact:

In case of contact with skin, wash the affected area with copious quantities of soap and water. Should irritation occur, contact a physician. Remove contaminated clothing.

Section V – Fire Fighting Measures

Extinguishing Media:

Water spray, dry chemical powder or appropriate foam.

Section VI – Accidental Release Measure

Place in a closed container and hold for waste disposal. Wash area thoroughly after clean-up is complete.

Section VII – Handling and Storage

Handling:

Wear respirator, safety glasses or goggles, protective clothing and chemical-resistant gloves.

Store at:

-10 to -40 C.

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Section VIII – Exposure Controls and Personal Protection

Eye Protection:

Safety glasses or goggles required.

Protective Gloves:

Chemical-resistant gloves required.

Respiratory Protection:

Respirator or protective mask required.

Ventilation:

Mechanical (general) or local exhaust required.

Other Protection Equipment:

Safety shower and eye bath. Wear protective clothing.

Section IX – Physical and Chemical Properties

Appearance:

Clear colorless solution

pH:

4.9 - 5.3

Section X – Stability and Reactivity

Stable. Hazardous Polymerization will not occur.

Section XI – Toxicological Information

Primary Irritant Effect:

This product is a potential irritant to eyes, respiratory system and skin. This product may also be harmful if ingested.

Prolonged or repeated exposure may result in allergic reactions in sensitive individuals.

Complete toxicological properties have yet to be determined.

Intended Use:

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

Section XII – Ecological Information

Not Available.

Section XIII – Disposal Considerations

Waste Disposal:

Follow all official regulations for chemical waste disposal.

Section XIV – Transport Information

Not Applicable.

Section XV – Regulatory Information

Observe the normal safety regulations when handling this material.

Section XVI – Other Information

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