

Products supplied by BioWest are for laboratory and research use only.

I PRODUCT IDENTIFICATION AND COMPANY IDENTIFICATION

Product Name: MEM non Essential Amino Acids 100X w/o L-Glutamine
Cat N° Biowest X0557
Product Classification: Cell Culture Reagents

Company identification: BioWest
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II COMPOSITION, INFORMATION ON INGREDIENTS

The following list shows components of this product classified as hazardous based on physical properties and health effects:

Component	Cas n°	Percent
No hazardous Components		

III POSSIBLE HAZARDS

To the best of our knowledge, this product is considered as not toxic, not irritant, not hazardous for the health.

IV FIRST AID MEASURES

EYES: Flush with plenty of water for at least 15 minutes. Obtain medical attention if symptoms develop (redness, itching, etc...)

SKIN: Flush skin with plenty of soap and water for at least 15 minutes. Obtain medical attention if symptoms develop (redness, itching, etc...). Remove contaminated clothing and shoes, wash before re-use.

INHALATION: Remove from exposure to fresh air. Obtain medical attention unless effects are mild and temporary.

INGESTION: Give plenty of water, if conscious. If vomiting occurs naturally, wash mouth out. Be prepared to induce vomiting upon a physician's advice. Obtain medical attention if symptoms develop.

NOTE TO PHYSICIAN: Treat symptomatically.

V FIRE FIGHTING MEASURES**General Information:**

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media:

Use agent most appropriate to extinguish fire. Use water spray, dry chemical, or appropriate foam.

Hazardous Combustion Products: Carbon oxides, dense smoke

Flash Point (Method used): Not available

Explosion limits, lower: Not available

Explosion limits, upper: Not available

VI ACCIDENTAL RELEASE MEASURES**General Information:**

Use proper personal protective equipment as indicated in Section VIII.

Spills/Leaks:

Wear rubber (surgical latex) or other chemical resistant gloves.

Absorb liquid on sand, vermiculite, or other absorbent material. Place in a closed container and hold for waste disposal. Wash area thoroughly after clean-up in complete.

VII HANDLING and STORAGE

Storage: Store at 2 to 8°C. Protect from light.

Intended use: For cell culture / in vitro laboratory use only, not for drug, human or veterinary use.

VIII EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls: Facilities storing or utilising this material should be equipped with an eyewash facility and a safety shower.

Exposure Limits: not available

Personal Protective Equipment Safety glasses or goggles
Chemical-resistant gloves.
Protective clothing recommended
Mechanical (general) or local exhaust
Safety shower and eye bath.
Keep container tightly closed.
Avoid ingestion and inhalation.

IX PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear red solution
PH:	2.4 - 4.4
Vapor Pressure:	Not available
Vapor Density:	Not available
Evaporation Rate:	Not available
Viscosity:	Not available
Freezing/Melting Point:	Not available
Decomposition Temperature:	Not available
Specific Gravity/Density:	Not available

X STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal temperatures and pressures.
Hazardous Polymerization:	Will not occur

XI TOXICOLOGICAL INFORMATION**Toxicity Data:**

Carcinogenicity:	Not found.
Epidemiology:	Not found.
Teratogenicity:	Not found.
Reproductive Effects:	Not found.
Neurotoxicity:	Not found.
Mutagenicity:	Not found.
Other Studies:	Not found.

XII ECOLOGICAL INFORMATION

Environmental Fate:	Not found.
Environmental Toxicity:	Not found.

XIII DISPOSAL CONSIDERATIONS

Contact a licensed professional waste disposal service to dispose of this material.
Observe all federal, state and local environmental regulations

XIV TRANSPORT INFORMATION

RID/ADR:	Non hazardous for road transport
IMDG:	Non hazardous for sea transport
IATA:	Non hazardous for air transport

XV REGULATORY INFORMATION

The product is classified non hazardous

XVI ADDITIONAL INFORMATION

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