

Material Safety Data Sheet

according to ISO 11014-1 — 93/112/EC.

Dulbecco's Modified Eagle's Medium/ Ham's Nutrient Mixture F12

with 3151 mg/L dextrose, with 2.5 mM L-glutamine, with 55 mg/L sodium pyruvate

CATALOG NO. 51448

Observe all Import Permit requirements and normal safety regulations.

Section I – Identification of Substance

Product Name:

Dulbecco's Modified Eagle's Medium/Ham's Nutrient Mixture F12, with 3151 mg/L dextrose, with 2.5 mM L-glutamine, with 55 mg/L sodium pyruvate

Product Number:

51448

Section II – Composition/Data on Components

Product Classification:

Liquid Cell Culture Media

The subject formulation is a nutrient blend of amino acids, vitamins, carbohydrates, organic and inorganic supplements and salts. Phenol red is included as a pH indicator. With the exception of purified water, all ingredients are in concentrations of less than 1%.

Section III – Hazards Identification

Not applicable.

Section IV – First Aid Measures

Eve Contact:

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

Indestion:

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. If breathing becomes difficult, give oxygen. 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.

Section V – Fire Fighting Measures

Extinguishing Media:

Water spray, dry chemical powder or appropriate foam. Wear self-contained breathing apparatus and protective clothing. Avoid contact with skin or eyes.

Section VI – Accidental Release Measure

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

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Section VII – Handling and Storage

Handling:

Wear safety glasses or goggles, protective clothing and chemical-resistant gloves. Store at:

2 to 8 C. Protect from light.

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 recommended.

Ventilation:

Mechanical (general) or local exhaust required.

Other Protection Equipment:

Safety shower and eye bath.

Section IX – Physical and Chemical Properties

Appearance:

Clear red solution

pH:

7.0 - 7.4

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. Complete toxicological properties have yet to be determined.

Intended Use:

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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