

Material Safety Data Sheet

OSHA "Hazard Communication" (29 CFR 1910.1200)

Dulbecco's Modified Eagle's Medium/ High Modified

with 4500 mg/L dextrose, with 4.0 mM L-glutamine, with 110 mg/L sodium pyruvate,
without sodium bicarbonate

CATALOG NO. 56499

Section I – Product Identification

Product Name:

Dulbecco's Modified Eagle's Medium/High Modified, with 4500 mg/L dextrose, with 4.0 mM L-glutamine, with 110 mg/L sodium pyruvate, without sodium bicarbonate

Product Number:

56499

Product Classification:

Dry Powder Cell Culture Media

The subject formulation is a nutrient blend of amino acids, vitamins, carbohydrates, organic and inorganic supplements and salts. When prepared with purified water, all ingredients are in concentrations of less than 1%.

Section II – Physical Data

Appearance:

Off-white free-flowing powder

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 fresh water, provided the person is conscious. Contact a physician. In case of inhalation, remove to fresh air. Give oxygen if breathing becomes difficult. If not breathing, give artificial respiration. Contact a physician. In case of contact with skin, wash the affected area with soap and copious quantities of soap and water. Should irritation occur, contact a physician. In case of inhalation, remove to fresh air.

Section V – Fire and Explosion Hazard Data

Extinguishing Media:

Water spray, dry chemical powder or appropriate foam. Wear self-contained breathing apparatus and protective clothing. Avoid contact with skin or eyes. Any organic powder can be potentially explosive if dispersed in air in certain concentrations. These concentrations have not been determined.

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Section VI – Health (Toxicological) Hazard Data

This product is a potential irritant to eyes, respiratory system and skin. This product contains no hazardous materials as defined by the OSHA Hazard Communication Standard; however, in the event of spill or accident involving this material, good personal hygiene should be practiced.

Section VII – Stability and Reactivity

Stable. Hazardous Polymerization will not occur.

Section VIII – Special Protection Information

Eye Protection:

Safety glasses or goggles recommended.

Protective Clothing:

Lab coat or coverall recommended.

Protective Gloves:

Chemical-resistant gloves recommended.

Respiratory Protection:

Respirator or 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:

2 to 8 C. Protect from light.

Intended Use:

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

Section X – Spill or Leak Procedures

Spill:

Wear respirator, safety glasses or goggles, protective clothing and chemical-resistant gloves. Carefully sweep up powder, place in a closed container and hold for waste disposal. Avoid raising dust. Wash area thoroughly after clean-up is complete.

Waste Disposal:

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

Section XI – Disclaimer

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