

Material Safety Data Sheet

OSHA "Hazard Communication" (29 CFR 1910.1200)

Ham's Nutrient Mixture F12

with 1.0 mM L-glutamine CATALOG NO. 51651

Section I - Product Identification

Product Name:

Ham's Nutrient Mixture F12, with 1.0 mM L-glutamine

Product Number:

51651

Product Classification:

Liquid Cell Culture Media

The subject formulation is a nutrient blend of amino acids, organic supplements, glucose, salts to correct osmolality and phenol red as a pH indicator. With the exception of purified water, all ingredients are in concentrations of less than 1%.

Section II - Physical Data

Appearance:

Clear orange solution

pH:

7.0 - 7.4

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 contact with skin, wash the affected area with soap and copious quantities of water. Should irritation occur, 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.

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. This product may also be harmful if ingested. Complete toxicological properties have yet to be determined.

SAFC Biosciences, Inc. 13804 W. 107th Street Lenexa, Kansas 66215 USA

Phone Toll free-USA Fax E-mail +1 913-469-5580 1 800-255-6032 +1 913-469-5584 info-na@sial.com

Europe

SAFC Biosciences Ltd. Smeaton Road, West Portway Andover, Hampshire SP10 3LF UNITED KINGDOM

Phone +44 (0)1264-333311 Fax +44 (0)1264-332412 E-mail info-eu@sial.com

Asia Pacific

Section VII – Stability and Reactivity

Stable. Hazardous Polymerization will not occur.

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:

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 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.

Section XI – Disclaimer

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United States

SAFC Biosciences, Inc. 13804 W. 107th Street Lenexa, Kansas 66215 USA

+1 913-469-5580 1 800-255-6032 Toll free-USA +1 913-469-5584 info-na@sial.com

Europe

SAFC Biosciences Ltd. Smeaton Road, West Portway Andover, Hampshire SP10 3LF UNITED KINGDOM Phone Fax

+44 (0)1264-333311 +44 (0)1264-332412 E-mail info-eu@sial.com

Asia Pacific

SAFC Biosciences Ptv. Ltd. 18-20 Export Drive Brooklyn, Victoria 3025 AUSTRALIA