



2235 Cornell Avenue, Montgomery, IL 60538
Phone: (800) 246-4088

Email: info@biologos.com
Website: www.biologos.com

SAFETY DATA SHEET - 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: Ham's F12 Nutrient Mixture (1X) with Glutamine and HEPES Buffer

Product Code: LHF9111

Company: Biologos, LLC
2235 Cornell Ave
Montgomery, IL 60538
PH: 800-246-4088

Emergency Response: INFOTRAC (800) 535-5053

Section 2: Hazards Identification

GHS02

GHS07

GHS08

BLANK

Hazard Pictograms:

Signal Word: Not Applicable

Hazard Category: Not-Classified

Hazard Statements: Not Classified

Precautionary Statements: Not Applicable

Hazards not otherwise classified: Not applicable, none known

Section 3: Composition / Information on Ingredients

Hazardous substance (name)	Hazard Category	CAS#	Weight %
No ingredients are hazardous per OSHA regulations	N/A	N/A	N/A

Section 4: First Aid Measures

General Info: None

Notable Exposure symptoms: None

If ingested: Rinse mouth with water. Obtain medical attention, if necessary.

If inhaled: Remove the victim into fresh air.

Eye contact: Rinse immediately with plenty of water. Contact an ophthalmologist if irritation persists.

Skin contact: Rinse with water.

Additional Info: No data available.

Section 5: Fire Fighting Measures

General Info: Do not enter fire area without proper protection.

Extinguishing

Method / Equipment: Foam, Dry powder, Carbon Dioxide, and Water

Hazardous

Decomposition Info: Carbon Oxides

Section 6: Accidental Release Measures

**Personal precautions,
protective equipment**

and procedures: Safety glasses, and protective gloves.

**Containment
Equipment and**

Procedures: Prevent further leakage or spillage if safe to do so. Stop spill from entering drains, sewers streams, or waterways

Cleanup Procedures: Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

Section 7: Handling and Storage

Safe Handling Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Avoid
Precautions: contact with eyes.

Recommendations Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers.
for Storage: Recommended storage temperature: 2 - 8 °C

Incompatibilities: Strong oxidizing agent.

Section 8: Exposure Control / Personal Protection

**General /
Engineering
Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Work Clothing: Standard work clothes.

Eye/face protection: Safety glasses.

Skin Protection: Wear protective gloves.

**Respiratory
Protection:** No protective equipment is needed under normal use conditions.

**Additional
Information:** None

Substances with Exposure Limit	CAS#	ACGIH-TLV	OSHA-PEL
None	N/A	N/A	N/A

Section 9: Physical and Chemical Properties

State: Liquid **Melting Point:** Not avail

Freezing Point: Not avail

Color: Red **Boiling Point/Range:** Not avail **pH** 7.0-7.4
Sp Grav: Not avail **Odor:** Not avail **Water Solubility:** Not avail
Evaporation rate: Not avail **Flash Point:** Not avail **Part. Coeff (n-octanol/water)** Not avail
Upper Flam Limits: Not avail **Lower Flam Limits:** Not avail **Vapor Pressure:** Not avail
VOC Content (lbs/gal): Not avail **Viscosity:** Not avail **Autoignition Temp:** Not avail

Section 10: Stability and Reactivity

General: Stable under normal conditions.

Incompatible materials: Strong oxidizing agent.

Decomposition products: May emit carbon, nitrogen and sulfur oxides under fire condition.

Section 11: Toxicological Information

General Information: There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

Toxicological Information (product): May cause eye irritation.

Likely Routes of Exposure: Skin, and eye contact

Toxicological Information (contained substances)

Hazardous substance (name)	LD50 Oral	LD50 Dermal	LC50 Inh	Irritancy:
Not Classified				

Carcinogenicity or mutagenicity: Not Classified

Sensitization: Not Classified

Other Notes: Not Classified

Section 12: Ecological Information

General information: No information available

Aquatic toxicity: No information available

Degradation / Mobility info: No information available

Bioaccumulative potential: No information available

Section 13: Disposal Information

Product disposal: Dispose of product in accordance with local, regional, and national regulations. Consult with waste contractor.

Container disposal: Consult waste contractor.

Other considerations: None

Section 14: Transport Information

DOT: Not regulated for transport

IMO/IMDG: Not regulated for transport

IATA: Not regulated for transport

OTHER: Inquire for further transport information

Comments: None

Section 15: Regulatory Information

TSCA: Not listed

CERCLA RQ: Not regulated by CERCLA

SARA 311/312: Not listed

SARA 313: Not listed

California Prop 65: Not listed

Substances:

Canadian DSL: Not listed

WHMIS: Not listed

USDOT: Not listed

Clean Water Act: Not listed

Section 16: Other Information

SDS Author: Biologos LLC

Version Date: 12/22/2020

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