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**SAFETY DATA SHEET - 29 CFR 1910.1200**

**Section 1: Company and Product Identification**

**Product Name:** Dulbecco's Modified Eagle Medium (DMEM) 1X  
 (w/4500 mg Glucose, w/L-Glutamine, w/Sodium  
 Pyruvate, and w/Phenol Red)

**Product Code:** LDH0101

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

**Emergency INFOTRAC  
 Response:** (800) 535-5053

**Section 2: Hazards Identification**

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**Hazard Pictograms:**

**Signal Word:** Not Applicable

**Hazard Category:** Not-classified

**Hazard Statements:** Not classified  
 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
No components need to be disclosed per applicable regulations.	N/A		N/A

#### Section 4: First Aid Measures

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**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. ophthalmologist if irritation persists.

**Skin contact:** Rinse with water.

**Additional Info:** None

#### Section 5: Fire Fighting Measures

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

**Extinguishing Method / Equipment:** Foam. Dry powder. Carbon dioxide. Water.

**Hazardous Decomposition Info:** Carbon Oxides.

#### Section 6: Accidental Release Measures

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**Personal precautions, protective equipment and procedures:** Safety glasses. 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

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

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

**Incompatibilities:** None known.

**Section 8: Exposure Control / Personal Protection**

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

**Controls:**

**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 Limits	CAS#	ACGIH-TLV	OSHA-PEL	NIOSH
None				

**Section 9: Physical and Chemical Properties**

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<b>State:</b> Liquid	<b>Melting Point:</b> Not avail	<b>Freezing Point:</b> Not avail	<b>Odor Threshold:</b> N/A
<b>Color:</b> Red	<b>Boiling Point/Range:</b> Not avail	<b>pH:</b> 7.0-7.4	
<b>Sp Grav:</b> Not avail	<b>Odor:</b> None	<b>Water Solubility:</b> Soluble	
<b>Evaporation rate:</b> Not avail	<b>Flash Point:</b> Not avail	<b>Part. Coeff (n-octanol/water):</b> Not avail	
<b>Upper Flam Limits:</b> Not avail	<b>Lower Flam Limits:</b> Not avail	<b>Vapor Pressure:</b> Not avail	
<b>VOC Content (lbs/gal):</b> 0%	<b>Viscosity:</b> Not avail	<b>Autoignition Temp:</b> Not avail	

**Section 10: Stability and Reactivity**

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**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

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**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:** Not Classified

**Mutagenicity:** Not Classified

**Sensitization:** Not Classified

**Reproductive or Developmental Effects:** Not Classified

## Section 12: Ecological Information

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**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

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**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

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**DOT:** Not regulated for transport

**IMO/IMDG:** Not regulated for transport

**IATA:** Not regulated for transport

**OTHER:** Inquire for further transport information.

## Section 15: Regulatory Information

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**TSCA:** Not listed.

**CERCLA RQ:** Not Regulated by CERCLA

**SARA 311/312:** Not listed.

**SARA 313** Not listed.

**California Prop 65** Not listed.

**Substances:**

**WHMIS:** Not listed.

**USDOT** Not listed.

**Clean Water Act** Not listed.

## Section 16: Other Information

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**SDS Author:** Biologos, LLC

**Version Date:** 9/27/2018

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