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## SAFETY DATA SHEET - 29 CFR 1910.1200

### Section 1: Company and Product Identification

**Product Name:** BIO-1450™ (3% Glutaraldehyde Solution)

**Product Code:** B1450™

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

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

### Section 2: Hazards Identification

GHS05

GHS06

GHS08

#### Hazard Pictograms:



**Signal Word:** Danger

**Hazard Category:** Acute tox, inh. Cat 3  
Skin corrosion/irritation Cat 1A, B, C  
Sensitization, skin Cat 1  
Acute tox, inh. Cat 3  
Sensitization, respiratory Cat 1

**Hazard Statements:** H301: Toxic if swallowed  
H331: Toxic if inhaled  
H314: Causes severe skin burns and eye damage  
H317: May cause an allergic skin reaction  
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled

**Precautionary Statements:** P260: Do not breathe dust/fume/gas/mist/vapours/spray.  
P264: Wash thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P271: Use only outdoors or in a well-ventilated area.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P285: In case of inadequate ventilation wear respiratory protection.  
  
P301+312+330+331:: IF SWALLOWED: Immediately call a POISON CENTER.  
Rinse mouth. Do NOT induce vomiting.  
  
P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
  
P333+313+363: If skin irritation or a rash occurs: Get medical advice/ attention. Wash contaminated clothing before reuse.  
  
P304+312+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.  
  
P342+311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.  
  
P305: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
  
P403+233: Store in a well ventilated place. Keep container tightly closed.

**Hazards not  
otherwise classified:**

P405: Store locked up.  
P501: Dispose of contents/container in accordance with local/regional/national/  
international rules.  
Not applicable, none known.

### Section 3: Composition / Information on Ingredients

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Hazardous substance (name)	Hazard Category	CAS#	Weight %
Gluteraldehyde	Toxic	111-30-8	2.5 - 3.5

### Section 4: First Aid Measures

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**Notable Exposure  
symptoms:** None

**If ingested:** Give two glasses of water to a conscious victim. Do not induce vomiting. Seek medical attention

**If inhaled:** Move person to fresh air. If necessary give CPR; warning this could pose a risk of exposure to the rescue breather. Seek medical attention.

**Eye contact:** Check for and remove contact lenses. Wash with large amounts of water for 15 minutes. Seek medical attention.

**Skin contact:** Remove contaminated clothing and shoes. Wash the affected area with large with soap and water. Seek medical attention.

**Additional Info:** None

### Section 5: Fire Fighting Measures

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**General Info:** N/A

**Extinguishing  
Method / Equipment:** Dry Chemical, Water Spray, Alcoholic Foam, Carbon Dioxide

**Hazardous  
Decomposition Info:** Not applicable.

### Section 6: Accidental Release Measures

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**Personal precautions, protective  
equipment and procedures:** Use proper PPE as per section 8. Provide ventilation.

**Containment Equipment and  
Procedures:** Pick up with absorbent vermiculite

**Cleanup Procedures:** Take up spills with absorbant material and containerize for proper disposal.

### Section 7: Handling and Storage

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**Safe Handling  
Precautions:** : Keep container tightly closed. Store in a cool, dry area and protect from physical damage.

**Recommendations  
for Storage:** Refrigerate

**Incompatibilities:** N/A

### Section 8: Exposure Control / Personal Protection

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**General /** : Provide local exhaust ventilation to keep the airborne concentrations of vapors below their  
**Engineering** respective threshold limit values. Ensure that eyewash stations and safety showers are local to the  
**Controls:** work-station.

**Work Clothing:** Standard work clothes.

**Eye/face protection:** Face Shield

**Skin Protection:** Gloves, Synthetic Apron

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

**Additional  
Information:** None

Substances with Exposure Limits	CAS#	STEL(mg/m3)	OSHA-PEL	NIOSH
Gluteraldehyde	111-30-8	0.25	-	-

## Section 9: Physical and Chemical Properties

<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> Clear	<b>Boiling Point/Range:</b> Not avail	<b>pH:</b> Not avail	
<b>Sp Grav:</b> Not avail	<b>Odor:</b> Sharp	<b>Water Solubility:</b> Yes	
<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

<b>General:</b>	Stable under normal conditions.
<b>Incompatible materials:</b>	Not available.
<b>Decomposition products:</b>	Not available.

## Section 11: Toxicological Information

<b>General Information:</b>	There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.
<b>Toxicological Information (product):</b>	Target Organs: Eyes, skin, respiratory system. Hazardous in case of inhalation, eye contact, skin contact, ingestion
<b>Likely Routes of Exposure:</b>	Inhalation, Skin Absorption, Ingestion

### Toxicological Information (contained substances)

Hazardous substance (name)	LD50 Oral	LD50 Dermal	LC50 Inh	Irritancy:
Glutaraldehyde	134 mg/kg (Rat)	2560 mg/kg (Rabbit)	Not Available	6mg/3 days (severe irritation) (Human)

<b>Carcinogenicity:</b>	Not Classified
<b>Mutagenicity:</b>	Not Classified
<b>Sensitization:</b>	Not Classified
<b>Reproductive or Developmental Effects:</b>	Not Classified

## Section 12: Ecological Information

<b>General information:</b>	Classification concerning the environment: not applicable.
<b>Aquatic Toxicity:</b>	Not Available
<b>Degradation / Mobility info:</b>	Not established.
<b>Bioaccumulative potential:</b>	Not established.

## Section 13: Disposal Information

<b>Product disposal:</b>	Dispose of product in accordance with local, regional, and national regulations. Consult with
<b>Container disposal:</b>	Consult waste contractor.
<b>Other considerations:</b>	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 Substances:** No California Prop. 65 substances.  
**WHMIS:** Not listed.  
**USDOT RQ - No.** DOT Marine Pollutant - No.  
**Clean Water Act** Not listed.

#### Section 16: Other Information

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**SDS Author:** Biologos, LLC

**Version Date:** 8/28/2020

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