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SAFETY DATA SHEET - 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: BIO-1454™ (0.04% Glutaraldehyde Solution)

Product Code: B1454™

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

Emergency Response: INFOTRAC (800) 535-5053

Section 2: Hazards Identification

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.

P405: Store locked up.
P501: Dispose of contents/container in accordance with local/regional/national/
international rules.

**Hazards not
otherwise classified:** Not applicable, none known.

Section 3: Composition / Information on Ingredients

Hazardous substance (name)	Hazard Category	CAS#	Weight %
Gluteraldehyde	Toxic	111-30-8	0-5

Section 4: First Aid Measures

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

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

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

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

Precautions:

Recommendations for Storage: Refrigerate

Incompatibilities: N/A

Section 8: Exposure Control / Personal Protection

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

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

State: Liquid	Melting Point: Not avail	Freezing Point: Not avail	Odor Threshold: N/A
Color: Clear	Boiling Point/Range: Not avail	pH: Not avail	
Sp Grav: Not avail	Odor: Sharp	Water Solubility: Yes	
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): 0%	Viscosity: Not avail	Autoignition Temp: Not avail	

Section 10: Stability and Reactivity

General: Stable under normal conditions.
Incompatible materials: Not available.
Decomposition products: Not available.

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): Target Organs: Eyes, skin, respiratory system. Hazardous in case of inhalation, eye contact, skin contact, ingestion.
Likely Routes of Exposure: Inhalation, Skin Absorption, Ingestion

Toxicological Information (contained substances)

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

Carcinogenicity: Not Classified
Mutagenicity: Not Classified
Sensitization: Not Classified
Reproductive or Developmental Effects: Not Classified

Section 12: Ecological Information

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

Section 13: Disposal Information

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

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 No California Prop. 65 substances.
Substances:
WHMIS: Not listed.
USDOT RQ - No. DOT Marine Pollutant - No.
Clean Water Act Not listed.

Section 16: Other Information

SDS Author: Biologos, LLC

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