



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: Bio-1408 (Sodium Bicarbonate Solution 1M)

Product Code: B1408™

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

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

Section 2: Hazards Identification

GHS07 BLANK BLANK BLANK

Hazard Pictograms:



Signal Word: Warning

Hazard Category: Serious eye damage/eye irritation Cat 2

Hazard Statements: H315- Causes skin irritation
 H319 - Causes serious eye irritation

Precautionary Statements: Prev: P264: Wash thoroughly after handling
 P280: Wear protective gloves/protective clothing/eye protection/face protection
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
 P332+313: If skin irritation occurs: Get medical advice/attention
 P337+313: If eye irritation persists get medical advice/attention

Hazards not otherwise classified: No specific direction
 Not applicable, none known.

Section 3: Composition / Information on Ingredients

Hazardous substance (name)	Hazard Category	CAS#	Weight %
Water	Not classified	7732-18-5	>89
Sodium Carbonate, Anhydrous	Skin Irrt 2, H315 Eye Irrt 2A, H319	497-19-8	<11

Section 4: First Aid Measures

Notable Exposure symptoms: Causes skin and eye irritation.

If ingested: Rinse mouth with water. Immediately after ingestion: give lots of water to drink. Do not induce vomiting. Obtain medical attention.

If inhaled: Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

Eye contact: Rinse immediately with plenty of water. Do not apply neutralizing agents. Take victim to an ophthalmologist if irritation persists.

Skin contact: Rinse with water. Soap may be used. Do not apply (chemical) neutralizing agents. Take victim to a doctor if irritation persists.

Additional Info: None

Section 5: Fire Fighting Measures

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

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

Hazardous Decomposition Info: Not applicable.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and procedures: Safety glasses. Evacuate unnecessary personnel.

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 Precautions: Handle in accordance with good industrial hygiene and safety practice.

Precautions: Wear personal protective equipment. Avoid contact with eyes.

Recommendations for Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.

Storage: Keep away from strong acids. Keep in properly labeled containers.

Incompatibilities: Strong oxidizing agents. Strong acids.

Section 8: Exposure Control / Personal Protection

General / Emergency eye wash fountains and safety showers should be available in the immediate **Engineering** 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

Additional Information: None

Substances with Exposure Limits	CAS#	ACGIH-TLV	OSHA-PEL	NIOSH
None				

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:** None **Water Solubility:** Soluble
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: Strong Acids. Strong oxidizers.

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): Causes skin and eye irritation.

Likely Routes of Exposure: Skin and eye contact.

**Toxicological
Information
(contained**

Hazardous substance (name)	LD50 Oral	LD50 Dermal	LC50 Inh	Irritancy:
Sodium Carbonate, Anhydrous	4090 mg/kg (Rat)	-	Not classified	Not classified

Carcinogenicity: Not Classified

Mutagenicity: Not Classified

Sensitization: Not Classified

Reproductive or Not Classified

Developmental

Effects:

Section 12: Ecological Information

General information: Classification concerning the environment: not applicable.

	<u>LC50 Fish</u>	<u>Water Flea EC50</u>
Aquatic Toxicity:	300 mg/l	265 mg/l (48 h; Daphnia magna)

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 waste contractor.

Container disposal: Treat empty containers with extra care, as residual material may be flammable. 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:

Section 15: Regulatory Information

TSCA: 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: Class D Division 2 Subdivision B - Toxic material causing other toxic effects.

USDOT RQ - No. DOT Marine Pollutant - No.

Clean Water Act Not listed.

Section 16: Other Information

SDS Author: ologos, LLC

Version Date:

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SDS is from available
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