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**SAFETY DATA SHEET - 29 CFR 1910.1200**

**Section 1: Company and Product Identification**

**Product Name:** Bio-1418™ (18% NaCl Solution)

**Product Code:** B1418™

**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:** Warning

**Hazard Category:** Non-classified

**Hazard Statements:** H320-May cause eye irritation  
 H303: May be harmful if swallowed

**Precautionary Statements:** Prev: P264: Wash thoroughly after handling  
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
 P337+313: If eye irritation persists get medical advice/attention  
 P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

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

**Section 3: Composition / Information on Ingredients**

Hazardous substance (name)	Hazard Category	CAS#	Weight %	
Water	Not classified	7732-18-5	75-85	
Sodium Chloride	Irritant	7647-14-5	15-25	

#### **Section 4: First Aid Measures**

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**Notable Exposure symptoms:** Irritation of eye tissue.

**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**

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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:** Not applicable.

#### **Section 6: Accidental Release Measures**

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**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**

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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 away from strong acids. Keep in properly labeled containers.

**Incompatibilities:** Strong oxidizing agents.

**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

**Additional Information:** None

Substances with Exposure Limits	CAS#	ACGIH-TLV	OSHA-PEL	NIOSH
Sodium Chloride	7647-14-5	5 mg/m3	5 mg/m3	

**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> Clear	<b>Boiling Point/Range:</b> Not avail	<b>pH:</b> Not avail	
<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 Acids.

**Decomposition** Not available.  
**products:**

## **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** May cause eye irritation.  
**(product):**

**Likely Routes of Exposure:** Skin and eye contact.

### **Toxicological Information (contained substances)**

<b>Hazardous substance (name)</b>	<b>LD50 Oral</b>	<b>LD50 Dermal</b>	<b>LC50 Inh</b>	<b>Irritancy:</b>
Sodium Chloride	Not available	Not available	Not classified	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:** Classification concerning the environment: not applicable.

**Aquatic Toxicity:** Not Available

**Degradation / Mobility info:** Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. No test data on mobility of the substance available.

**Bioaccumulative potential:** Not established.

## **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**

**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:** 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:** Biologos, LLC

**Version Date:** 3/8/2017

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