



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-4145™ (4% Sodium Deoxycholate Solution)

**Product Code:** B4145™

**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:** Non-classified

**Hazard Statements:** H303: May be harmful if swallowed

**Precautionary  
 Statements:**

Prev: P264: Wash thoroughly after handling  
 P270: Do not eat, drink or smoke when using this product  
 P501: Dispose of contents/container in accordance with  
 local/regional/national/international rules.  
 P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you

**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	>95
Sodium Deoxycholate	Irritant	302-95-4	3-5

#### Section 4: First Aid Measures

---

**Notable Exposure symptoms:** Consult a physician if symptoms are severe or persist. Provide this data sheet to medical personnel.

**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. 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**

---

**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:**

**Additional Information:** None

Substances with Exposure Limits	CAS#	ACGIH-TLV	OSHA-PEL	NIOSH
Sodium Deocycholate	302-95-4	Not avail	Not avail	Not avail

**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, light yellow	<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**

---

**General:** Stable under normal conditions.

**Incompatible materials:** Strong oxidizing agents.

**Decomposition products:** Carbon oxides and sodium oxides.

**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):** No eye irritation data available.

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

**Toxicological Information (contained substances)**

Hazardous substance (name)	LD50 Oral	LD50 Dermal	LC50 Inh	Irritancy:
Sodium Deoxycholate	1.37 mg/kg	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**

---

**General information:** Classification concerning the environment: not applicable.

**Aquatic Toxicity:** Oryzias latipes (Fish) - LC50 115 mg/L 48 hrs

**Degradation / Mobility info:** No data available.

**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:** 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:** 11/26/2017

*Information in this SDS is from available published sources and is believed to be accurate. No warranty, express or implied, is made and Biologos, LLC assumes no liability resulting from the use of this SDS. The user must determine suitability of this information for his application.*