

# MATERIAL SAFETY DATA SHEET

P  
CAROLINA BIOLOGICAL

Revised: 09/05/00  
Replaces: None  
Printed: 23/08/00

---

## **1. PRODUCT DESCRIPTION**

Product Name: Protoslo  
Product Code(s): 88-5141, 74-6610, L2H, L2G, L3H, L3B, L52S, L2S,  
74-6615  
Size: Various  
Chemical Name: None  
CAS Number: See section 2  
Formula: See section 2  
Synonyms: Protozoa quieting solution  
Distributor: Carolina Biological Supply Company  
2700 York Road  
Burlington, NC 27215

Chemical Information: 800-227-1150 (8am-5pm (ET) M-F)  
Chemtrec (Transportation Spill Response 24 hours): 800-424-9300

## **2. COMPOSITION/INFORMATION ON INGREDIENTS**

Principle Hazardous Components:  
Hydroxyethyl cellulose(cas#9004-62-0)< 10%  
TLV and PEL units: None established

## **3. HAZARD IDENTIFICATION**

Emergency Overview: This product is not expected to be a hazard under normal conditions of use.

Potential Health Effects:

Eyes: May cause irritation.

Skin: May cause irritation.

Ingestion: May cause gastrointestinal discomfort.

Inhalation: May cause irritation to respiratory tract.

## **4. FIRST AID MEASURES**

Emergency and First Aid Procedures:

Eyes - Flush with water for at least 15 minutes, raising and lowering eyelids occasionally. Get medical attention if irritation persists.

Skin - Thoroughly wash exposed area for at least 15 minutes. Remove contaminated clothing. Launder contaminated clothing before reuse. Get medical attention if irritation persists.

Ingestion - If swallowed, if conscious, give plenty of water.

Immediately call a physician or poison control center. Never give anything by mouth to an unconscious person.

Inhalation - Remove to fresh air. Give oxygen if breathing is difficult; give artificial respiration if breathing has stopped. Keep person warm, quiet, and get medical attention.

## **5. FIREFIGHTING PROCEDURES**

Flash Point(Method Used): N/A

NFPA Rating: Health: 0

Fire: 0

Reactivity: 0

Extinguisher Media:

Use media suitable to extinguish surrounding fire.

Flammable Limits in Air % by Volume: N/A

# MATERIAL SAFETY DATA SHEET

P  
CAROLINA BIOLOGICAL

Revised: 09/05/00  
Replaces: None  
Printed: 23/08/00

---

Autoignition Temperature: N/A

Special Firefighting Procedures:

Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: None

## **6. SPILL OR LEAK PROCEDURES**

Steps to be Taken in Case Material is Released or Spilled:

Ventilate area of spill. Eliminate all sources of ignition. Remove all non-essential personnel from area. Clean-up personnel should wear proper protective equipment and clothing. Absorb material with suitable absorbent and containerize for disposal.

## **7. SPECIAL PRECAUTIONS**

Precautions to be Taken in Handling or Storing: Store tightly closed in an area suitable for general chemical storage.

Other Precautions: None

## **8. SPECIAL PROTECTION INFORMATION**

Respiratory Protection(Specify Type):

A NIOSH/MSHA chemical cartridge respirator should be worn if PEL or TLV is exceeded.

Ventilation:

Local Exhaust: No

Mechanical(General): No

Special: No

Other: No

Protective Gloves:

Rubber, neoprene, PVC, or equivalent.

Eye Protection:

Splash proof chemical safety goggles should be worn at all times.

Other Protective Clothing or Equipment:

Lab coat, eye wash, and safety shower.

## **9. PHYSICAL DATA**

Molecular Weight: N/A

Melting Point: N/A

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density(Air=1): N/A

Specific Gravity(H2O=1): N/A

Percent Volatile by Volume: N/A

Evaporation Rate(H2O=1): Approximately 1

Solubility in Water: Completely soluble, product is an aqueous solution.

Appearance and Odor: Clear, colorless solution with no odor

## **10. REACTIVITY DATA**

Stability: Stable

Conditions to Avoid: None

Incompatibility(Materials to Avoid): Water reactive materials

Hazardous Decomposition Products: None

# MATERIAL SAFETY DATA SHEET

P  
CAROLINA BIOLOGICAL

Revised: 09/05/00  
Replaces: None  
Printed: 23/08/00

---

Hazardous Polymerization: Will not occur

## 11. TOXICITY DATA

Toxicity Data: No data available

Effects of Overexposure:

Acute: See section 3

Chronic: Hydroxyethyl cellulose; Reproductive effects data cited. Not listed as causing cancer by IARC, NTP, or OSHA.

Conditions Aggravated by Overexposure: May cause irritation to eyes.

Target Organs: Eyes

Primary Route(s) of Entry: No data available

## 12. ECOLOGICAL DATA

EPA Waste Numbers: None

## 13. DISPOSAL INFORMATION

Waste Disposal Methods: Dispose in accordance with all applicable Federal, State and Local regulations.

Always contact a permitted waste disposer (TSD) to assure compliance.

## 14. TRANSPORT INFORMATION

Non-regulated

## 15. REGULATORY INFORMATION

EPA TSCA Status: On TSCA Inventory

Hazard Category for SARA Section 311/312 Reporting: Acute

Product or Components	SARA EHS Sec. 302 TPQ	SARA Sec. 313 Chemicals Name List	CERCLA Sec. 103 RQ lbs.	RCRA Sec.
261.33				

---

Hydroxyethyl-cellulose	No	No	No	No	No
------------------------	----	----	----	----	----

## 16. ADDITIONAL INFORMATION

The information provided in this Material Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the Material Safety Data Sheet. Any employer must carefully assess the applicability of any information contained herein in regards to the particular use to which the employer puts the material.

Glossary

ACGIH.....American Conference of Governmental Industrial Hygienists

CAS Number..Chemical Services Abstract Number

CERCLA.....Comprehensive Environmental Response, Compensation, and Liability Act

DOT.....U.S. Department of Transportation

IARC.....International Agency of Research on Cancer

## MATERIAL SAFETY DATA SHEET

P  
CAROLINA BIOLOGICAL

Revised: 09/05/00  
Replaces: None  
Printed: 23/08/00

---

N/A.....Not Available  
NTP.....National Toxicology Program  
OSHA.....Occupational Safety and Health Administration  
PEL.....Permissible Exposure Limit  
ppm.....parts per million  
RCRA.....Resource Conservation and Recovery Act  
SARA.....Superfund Amendments and Reauthorization Act  
TLV.....Threshold Limit Value  
TSCA.....Toxic Substances Control Act