

# **MATERIAL SAFETY DATA SHEET**

DEOXYRIBONUCLEIC ACID  
CAROLINA BIOLOGICAL

Revised: 11/23/09  
Replaces: 11/23/09  
Printed: 08/03/10

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## **1. PRODUCT DESCRIPTION**

Product Name: Deoxyribonucleic Acid  
Product Code(s): 85-7248, 85-7250  
Size: 25 g, 100 g  
Chemical Name: Deoxyribonucleic Acid  
Synonyms: DNA  
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. HAZARD IDENTIFICATION**

To the best of our knowledge, this product is not considered hazardous as defined by the OSHA Hazard Communication Standard. However, Carolina Biological is providing an abbreviated MSDS containing general information about this chemical.

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 and quiet, and get medical attention.

## **3. SPILL OR LEAK PROCEDURES**

Steps to be Taken in Case Material is Released or Spilled:  
Ventilate area of spill. Clean-up personnel should wear proper protective equipment. Avoid creating dust. Sweep or scoop up and containerize for disposal.

## **4. SPECIAL PROTECTION INFORMATION**

Respiratory Protection(Specify Type):  
None needed under normal conditions of use with adequate ventilation.  
NIOSH approved equipment should be worn if PELs are exceeded.

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 apron, eye wash, and safety shower.

## **5. TOXICITY DATA**

Toxicity Data: Ipt Mus LD: >1500 mg/kg

Effects of Overexposure:

Acute: See section 3

Chronic: No information available

Conditions Aggravated by Overexposure: No information available

Target Organs: No information available

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Primary Route(s) of Entry: No information available

### **6. 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.