

## **MATERIAL SAFETY DATA SHEET**

GELATIN POWDER  
CAROLINA BIOLOGICAL

Revised: 09/12/07  
Replaces: 07/10/07  
Printed: 11/27/07

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### **1. PRODUCT DESCRIPTION**

Product Name: Gelatin, Powder  
Product Code(s): 86-4658, 86-4660  
Size: 100g, 500g  
Chemical Name: None  
CAS Number: 9000-70-8  
Formula: See section 2  
Synonyms: None  
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**

Principal Components:  
Gelatin(CAS# 9000-70-8)  
TLV and PEL units: None established

### **3. HAZARD IDENTIFICATION**

Emergency Overview: 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 and quiet, and get medical attention.

### **5. FIREFIGHTING PROCEDURES**

Flash Point(Method Used): N/A

NFPA Rating: None established

Extinguisher Media:

Use dry chemical, CO2 or appropriate foam.

Flammable Limits in Air % by Volume: N/A

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 identified

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

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Steps to be Taken in Case Material is Released or Spilled: Wear appropriate protective clothing. Carefully sweep up and containerize for disposal. Dispose in accordance with federal, state and local regulations.

### **7. SPECIAL PRECAUTIONS**

Precautions to be Taken in Handling or Storing: Store at room temperature. Suitable for general chemical storage.

### **8. SPECIAL PROTECTION INFORMATION**

Respiratory Protection(Specify Type): None required under normal conditions of use with adequate ventilation. If airborne concentration is high, use appropriate respirator or dust mask.

Ventilation: Use adequate general or local exhaust to keep dust levels as low as possible

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):	N/A
Solubility in Water:	Minimally soluble.
Appearance and Odor:	Light yellow to amber powder.

### **10. REACTIVITY DATA**

Stability: Stable

Conditions to Avoid: Moisture

Incompatibility(Materials to Avoid): Formaldehyde.

Hazardous Decomposition Products: COx

Hazardous Polymerization: Will not occur

### **11. TOXICITY DATA**

Toxicity Data: N/A

Effects of Overexposure:

Acute: See section 3

Chronic: Not listed as causing cancer by IARC, NTP, OSHA

Conditions Aggravated by Overexposure: N/A

Target Organs: N/A

Primary Route(s) of Entry: N/A

### **12. ECOLOGICAL DATA**

EPA Waste Numbers: N/A

### **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.

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### **14. TRANSPORT INFORMATION**

Non-regulated

### **15. REGULATORY INFORMATION**

EPA TSCA Status: On TSCA Inventory

Hazard Category for SARA Section 311/312 Reporting: Acute

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

Gelatin	No	No	No	No	No
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### **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 Abstracts Service Number

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

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

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

mppcf.....million particles per cubic foot

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