

Lab

MATERIAL SAFETY DATA SHEET

P
CAROLINA BIOLOGICAL

Revised: 09/05/00
Replaces: None
Printed: 07/08/01

1. PRODUCT DESCRIPTION

Product Name: Pepsin. 1 X NF.
Product Code(s): 87-9378, 87-9380, 20-2340
Size: 1 oz, 125 g
Chemical Name: Pepsin
CAS Number: 9001-75-6
Formula: Pepsin 1 X NF
Synonyms: Pepsin 1:3.000 NF.Pepsin
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: Pepsin 1 X NF (CAS# 9001-75-6) 100%
TLV and PEL units: None established

3. HAZARD IDENTIFICATION

Emergency Overview: Handling care generally in keeping with safe laboratory

practices is recommended.

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 and induce vomiting immediately as directed by medical personnel. 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): None

NFPA Rating: Health: 2
Fire: 1
Reactivity: 0

Extinguisher Media:

Use dry chemical, CO2 or appropriate foam.

Flammable Limits in Air % by Volume: No information available.

Autoignition Temperature: No information available.

Special Firefighting Procedures:

Firefighters should wear full protective equipment and NIOSH approved

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11. TOXICITY DATA

Toxicity Data: No toxicity data found.

Effects of Overexposure:

Acute: See section 3

Chronic: Mutation data cited. Not listed as causing cancer by
NTP,
IARC or OSHA.

Conditions Aggravated by Overexposure: Hypersensitivity to material:
dermatology problems.

Target Organs: Skin

Primary Route(s) of Entry: None cited

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 material.

15. REGULATORY INFORMATION

EPA TSCA Status: On TSCA Inventory

Hazard Category for SARA Section 311/312 Reporting: Acute

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

Pepsin	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 Services Abstract Number

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

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

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

N/A.....Not Available

NTP.....National Toxicology Program

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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

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self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Avoid inhalation of combustion fumes.

6. 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.

7. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling or Storing: Store tightly closed in a

cool, dry, area. Avoid contact with eyes, skin and clothing.

Other Precautions: Avoid exposing products to high humidity conditions.

Wash

thoroughly with soap after handling.

8. 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.

Ventilation:

Local Exhaust: Preferred

Mechanical (General): Acceptable

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: No information available.

Melting Point: Decomposes

Boiling Point: No information available.

Vapor Pressure: No information available.

Vapor Density (Air=1): No information available.

Specific Gravity (H₂O=1): No information available.

Percent Volatile by Volume: No information available.

Evaporation Rate (H₂O=1): No information available.

Solubility in Water: Soluble

Appearance and Odor: Yellowish powder, slightly acid taste.

Characteristic

odor.

10. REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Heat

Incompatibility (Materials to Avoid): Alcohol, tannin, alkaline substances,

salts of heavy metals, strong oxidizing agents.

Hazardous Decomposition Products: CO_x, NO_x

Hazardous Polymerization: Will not occur