

MATERIAL SAFETY DATA SHEET

FORMULA 4-24
CAROLINA BIOLOGICAL

Revised: 05/15/08
Replaces: 07/10/07
Printed: 05/20/08

1. PRODUCT DESCRIPTION

Product Name: Formula 4-24®
Product Code(s): 17-3200, 17-3202, 17-3204, 17-3210, 17-3212, 17-3214
Size: Various
Chemical Name: Does not apply. Product is a mixture.
CAS Number: Does not apply. Product is a mixture.
Formula: Proprietary mixture - Trade Secret Formula.
Synonyms:
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 Hazardous Components:
Formula 4-24® is a mixture of non-hazardous ingredients. The mixture contains no materials that would be considered hazardous as defined by the OSHA Hazard Communication Standard.

3. HAZARD IDENTIFICATION

Emergency Overview:
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 thoroughly with water. Get medical attention if irritation persists.
Skin - Wash with soap and water. Get medical attention if irritation develops.
Ingestion - Give water to drink (never give anything by mouth to an unconscious person). Should irritation develop, get medical attention.
Inhalation - Get medical attention if irritation develops.

5. FIREFIGHTING PROCEDURES

Flash Point(Method Used): N/A
NFPA Rating: None established for this product
Extinguisher Media:
Use media suitable to extinguish surrounding fire.
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: High concentrations of dust in air may ignite or explode in the presence of a heat source.

6. SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Avoid generating dust. Sweep up and dispose of in regular domestic trash. Product is non-hazardous.

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7. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling or Storing: Store tightly closed in a cool dry area suitable for general media storage.

Other Precautions: None known

8. SPECIAL PROTECTION INFORMATION

Respiratory Protection(Specify Type): None needed under normal conditions.

None needed under normal conditions of use with adequate ventilation.

NIOSH approved equipment should be worn if PELs are exceeded.

Ventilation:

Local Exhaust:	Yes
Mechanical(General):	Yes
Special:	No
Other:	No

Protective Gloves: None normally required

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.

9. PHYSICAL DATA

Molecular Weight:	Does not apply. Product is a mixture.
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:	0%
Evaporation Rate(H2O=1):	0
Solubility in Water:	Slightly soluble
Appearance and Odor:	White, or blue, flakes and powder with no odor

10. REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Avoid creating dust

Incompatibility(Materials to Avoid): None known

Hazardous Decomposition Products: None expected

Hazardous Polymerization: Will not occur

11. TOXICITY DATA

Toxicity Data: This product is not toxic.

Effects of Overexposure:

Acute: See section 3

Chronic: None found

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.

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

14. TRANSPORT INFORMATION

N/A

15. REGULATORY INFORMATION

EPA TSCA Status: On TSCA Inventory: N/A

Hazard Category for SARA Section 311/312 Reporting: N/A

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

Does not apply to any component

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