

Material Safety Data Sheet

MODEL MAGMA

Carolina Biological Supply Company

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Revised 11/6/00

Replaces None

Printed 3/02

1. Product Description

Product Name: Model Magma
Product Code(s): Various
Size: Various
Chemical Name: Product is a mixture
CAS Number: See section 2
Formula: See section 2
Synonyms: None known
Distributor: Carolina Biological Supply Company
2700 York Road
Burlington, NC 27215

Chemical Emergency 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:
PVAC-based glue
Sodium tetraborate (CAS# 1303-96-4)
Acrylic paint

TLV and PEL units:
For sodium tetraborate ACGIH-TLV: 1 mg/m³ (TWA)
OSHA-PEL: 10 mg/m³ (TWA)

3. Hazardous 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 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 and quiet, and get medical attention.

5. Firefighting Procedures

Flash Point (Method Used): N/A
NFPA Rating: Health: 1
Fire: 1
Reactivity: 0
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 known

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 nonessential personnel from area. Clean-up personnel should wear proper protective equipment and clothing. Absorb material with suitable absorbant and containerize for disposal.

7. Special Precautions

Precautions to Be Taken in Handling or Storing: Product should be stored at room temperature in an area suitable for general chemical storage.
Other Precautions: Wash hands thoroughly after handling.

8. Special Protection Information

Respiratory Protection (Specify Type): None needed under normal conditions of use
Ventilation: Local Exhaust: Not required
Mechanical (General): Recommended
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, eyewash, and safety shower.

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MODEL MAGMA (cont.)

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9. Physical Data

Molecular Weight: 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: N/A

Evaporation Rate (H₂O=1): N/A

Solubility in Water: Insoluble

Appearance and Odor: Opaque, red semi-solid

10. Reactivity Data

Stability: Stable

Conditions to Avoid: None known

Incompatibility (Materials to Avoid): Acids, metallic salts, alkalis

Hazardous Decomposition Products: Oxides of carbon and sodium

Hazardous Polymerization: Will not occur

11. Toxicity Data

Toxicity Data: To the best of our knowledge, the toxicological properties of this mixture have not been thoroughly evaluated.

Effects of Overexposure:

Acute: See section 3

Chronic: None of the components of this mixture are listed as causing cancer by IARC, NTP, or OSHA.

Conditions Aggravated by Overexposure: N/A

Target Organs: N/A

Primary Route(s) of Entry: Skin contact

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 (THU) to assure compliance.

14. Transport Information

N/A

15. Regulatory Information

EPA TSCA Status: On TSCA Inventory

Hazard Category for SARA Section 311/312 Reporting: Acute

SARA Sec. 313

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

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

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