

MATERIAL SAFETY DATA SHEET

I
CAROLINA BIOLOGICAL

Revised: 09/05/00
Replaces: None
Printed: 25/08/00

1. PRODUCT DESCRIPTION

Product Name: Injection Medium, Latex (Blue and Red)
Product Code(s): 84-0475, 86-8691, 86-8693, 86-8701, 86-8703, 84-1112
Size: 4 OZ, 1 L, 4 L
Chemical Name: Does not apply. Product is a mixture.
CAS Number: None assigned to this mixture
Formula: No data available.
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

Principle Hazardous Components: Ammonia (CAS#7664-41-7) 0.71%
TLV and PEL units: ACGIH-TLV: 25 ppm (tw) STEL 35 ppm
OSHA-PEL: 50 ppm, (tw)

3. HAZARD IDENTIFICATION

Emergency Overview: CAUTION: Latex may cause either immediate or delayed allergic reaction in certain sensitive individuals.

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, quiet, and get medical attention.

5. FIREFIGHTING PROCEDURES

Flash Point(Method Used): No data available.

NFPA Rating: Health: No data available.

Fire: No data available.

Reactivity: No data available.

Extinguisher Media:

Use dry chemical, CO2 or appropriate foam.

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

Autoignition Temperature: No data available.

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

7. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing: Store tightly closed in a cool, dry, well ventilated area suitable for general chemical storage.

8. SPECIAL PROTECTION INFORMATION

Respiratory Protection(Specify Type):

A NIOSH/MSHA chemical cartridge respirator should be worn if PEL or TLV is 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 data available.

Melting Point: No data available

Boiling Point: 100 C

Vapor Pressure: No data available.

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

Specific Gravity(H2O=1): 0.96

Percent Volatile by Volume: No data available.

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

Solubility in Water: May be diluted with water

Appearance and Odor: Milky liquid with odor of ammonia

10. REACTIVITY DATA

Stability: Stable

Conditions to Avoid: No information available

Incompatibility(Materials to Avoid): Acids

Hazardous Decomposition Products: None known

Hazardous Polymerization: Will not occur

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11. TOXICITY DATA

Toxicity Data: To the best of our knowledge, the toxicological properties of this mixture have not been thoroughly evaluated.
Ammonia: oral-rat LD50 350 mg/kg ihl-rat LC50 2,000 ppm/4H
Effects of Overexposure:
Acute: See section 3
Chronic: Ammonia: Mutation data cited. Not listed as causing cancer by IARC,NTP, or OSHA.
Conditions Aggravated by Overexposure: No information available
Target Organs: No information available
Primary Route(s) of Entry: No information available

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

15. REGULATORY INFORMATION

EPA TSCA Status: On TSCA Inventory
Hazard Category for SARA Section 311/312 Reporting: Acute

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

Ammonia	500	Yes	No	100	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

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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