MATERIAL SAFETY DATA SHEET

Specimens in Carolina's Perfect Solution®
Carolina Biological Supply Company

1. PRODUCT DESCRIPTION
Product Name: Specimens in Carolina's Perfect Solution®
Product Code(s): Various
Size: Various
Chemical Name: Product is a mixture
CAS Number: See section 2
Formula: See section 2
Synonyms: Specimens in Carosafe 2000
Distributor: Carolina Biological Supply Company
2700 York Road
Burlington, NC 27215

Chemical Information: 800-227-1150 (8am-5pm ET) M-F
Chemetrec (Transportation Spill Response 24 hours): 800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS
Principal Hazardous Components:
The components of this mixture are proprietary

3. HAZARD IDENTIFICATION
Emergency Overview: Do not take internally. May cause irritation to skin and eyes.

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 - Do not induce vomiting. If swallowed, if conscious, give plenty of water immediately and 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): >200°F closed cup
NFPA Rating:
Health 1
Flammability 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: Under intense heat, components of this mixture may produce hazardous decomposition products, give off irritating vapors, and give off heavy smoke and flammable vapors.

6. SPILL OR LEAK PROCEDURES
Steps to be Taken in Case Material is Released or Spilled:

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7. SPECIAL PRECAUTIONS
Precautions to be Taken in Handling or Storing: Avoid contact with skin, eyes and clothing. Store in a cool, dry, well-ventilated area below 120°F. Control access to this and all other chemicals. Wear personal protective equipment as outlined in Section 8 and on the product label.
Other Precautions: None known

8. SPECIAL PROTECTION INFORMATION
Respiratory Protection (Specify Type): None needed under normal conditions of use.
Ventilation:
Local Exhaust: Not necessary
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, eye wash, and safety shower.

9. PHYSICAL DATA
Molecular Weight: Does not apply. Product is a mixture.
Melting Point: No data available
Boiling Point: 185°F for Carolina's Perfect Solution®
Vapor Pressure (mmHg): 22.756 for Carolina's Perfect Solution®
Vapor Density (Air=1): 0.998 for Carolina's Perfect Solution®
Specific Gravity (H2O=1): .99 for Carolina's Perfect Solution®
Percent Volatile by Volume: No data available
Evaporation Rate (Butyl Acetate=1): 5.0 for Carolina's Perfect Solution®
PH: 6.62 for Carolina's Perfect Solution®
Solubility in Water: Carolina's Perfect Solution® is an aqueous mixture.
Appearance and Odor:
Carolina's Perfect Solution® is a colorless solution with minimal chemical odor. Specimens exhibit a biological smell and minimal chemical odor.

10. REACTIVITY DATA
Stability: Stable
Conditions to Avoid: Temperatures above 425°F, flame
Incompatibility (Materials to Avoid): Alkalis, amines, sulfides, strong oxidizers, metals, strong bases
Hazardous Decomposition Products: If heated to decomposition, carbon monoxide carbon dioxide, nitrogen oxides and other unidentified hydrocarbons will be evolved.