

MATERIAL SAFETY DATA SHEET

Sheep Specimens in Carosafe
Carolina Biological Supply

Revised: 02/04/02
Replaces: 28/03/02
Printed: 02/04/02

1. PRODUCT DESCRIPTION

Product Name: Sheep Specimens in Carosafe™ (P)
Product Code(s): Various codes ending in C, D, or S
Size: Various
Chemical Name: Product is a mixture
CAS Number: See section 2
Formula: See section 2
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:

Propylene Glycol (CAS# 57-55-6)
2-amino-2-ethyl-1,3-propanediol (CAS# 115-70-8)
Ethylene Glycol Phenyl Ether (CAS# 122-99-6)
Phenol (CAS# 108-95-2)

The specimen will contain some residual formaldehyde (CAS# 50-00-0) from the fixation process. The amount of formaldehyde present is specific to the type of specimen and will vary with time.

TLV and PEL units:

Propylene Glycol: N/A
2-amino-2-ethyl-1,3-propanediol: N/A
Ethylene Glycol Phenyl Ether: N/A
Formaldehyde: ACGIH-TLV: 1 ppm
OSHA-PEL: 0.75 ppm

Phenol: THRESHOLD LIMIT VALUE (TLV/TWA): 19 MG/M (5 PPM)

3. HAZARD IDENTIFICATION

Emergency Overview: Do not take internally. Can cause burns to eyes and skin. Vapor of some components can be irritating if inhaled.

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): N/A

NFPA Rating: To the best of our knowledge, this mixture has not been

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Conditions to Avoid: Temperatures above 425 F, flame
Incompatibility(Materials to Avoid): Water reactive materials, strong oxidizers, copper, brass, aluminum, magnesium, lead, zinc, strong bases
Hazardous Decomposition Products: Not likely to occur, but if heated to decomposition, oxides of carbon and nitrogen may be evolved.
Hazardous Polymerization: Will not occur

11. TOXICITY DATA

Toxicity Data: Formaldehyde orl-rat LD50: 800 mg/kg ihl-rat LC50: 590 mg/kg

Effects of Overexposure:

Acute: See section 3

Chronic: Gastrointestinal discomfort, nausea, vomiting, lethargy, and diarrhea are listed as chronic effects. None of the components of Carosafe are listed as causing cancer.

Mutation data, reproductive data, and tumorigenic data cited for formaldehyde. Formaldehyde is listed as an ACGIH suspected human carcinogen and as a NTP anticipated human carcinogen.

Conditions Aggravated by Overexposure: N/A

Target Organs: N/A

Primary Route(s) of Entry: Ingestion, skin, eye contact

12. ECOLOGICAL DATA

EPA Waste Numbers: Formaldehyde(U122)

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 Chronic

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

Propylene Glycol	No	No	No	No
Formaldehyde	500	Yes	100	Yes
2-amino-2-ethyl- 1,3-propanediol	No	No	No	No
Ethylene Glycol	No	No	No	No
Phenyl Ether				
Phenol				

16. ADDITIONAL INFORMATION