

MATERIAL SAFETY DATA SHEET

received 7-15-10
M. J. J.
E-1

Used @ TEC.

Reorder from
Nebraska Scientific
800-228-7117

Preparer: REM & THP
Preparation date: 7/5/94
Replaces date: 3/18/93

Rec'd

Information Telephone Number:
800-228-7117

Section I - Product Identification

EMBALMING FLUID

LC999

Section II - Hazardous Ingredients

Chemical name	CAS #	Wt. %	Occupational Exposure Limits (TLV-TWA)	(TLV-STEL)	Skin Designation	Vapor Pressure mm Hg 20 C	Known or Suspected Carcinogen	Sec. 313
Water		83.5%	—	—	—	—	—	—
Formaldehyde	50-00-0	6.0%	1.2 mg/M3	2.5 mg/M3	No	0.0	Yes	Yes
Hydroxybenzene	108-95-2	4.0%	5 ppmfo	No info	Yes	0.4	No	Yes
Propylene Glycol	57-55-6	6.0%	No info	No info	No	.08	Yes	Yes
Sodium Citrate	68-04-02	0.5%	N/A	N/A	No	N/A	Yes	Yes

This product contains one or more materials subject to the reporting requirements of Section 313 of the Emergency Planning and the Community Right to Know Acts of 1986 and of 40 CFR 372.

N / A - Not Applicable.

Section III - Physical Data

Boiling Range:	212-359° F	Vapor Density:	Is heavier than air
Odor:	Formaldehyde	Evaporation Rate:	Is slower than ether
Appearance:	Colorless	Solubility:	Complete
Volatile by weight:	90.0%	Product Density:	8.4 lbs/gal. (US)
Volatile by volume:	90.4%		

see back for label

Section IV - Fire & Explosion Hazard Data

Flammability Classification: ASTM D 93 (Flash Point by Pensky-Martens Closed Tester)

Flash Point 210° F

OSHA	Combustible liquid - class IIIA	LEL	1.7%
DOT	Combustible liquid	UEL	8.6%

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water, Fog.

Unusual fire and explosion hazards: None known.

Special firefighting procedures: Firefighters should wear self contained breathing apparatus and protective clothing.

Section V - Health Hazard Data

Effects of over exposure - Eyes severe irritation.

Skin: Irritation.

Inhalation: Overexposure may cause dizziness, nausea.

Ingestion: May cause dizziness, nausea. Large amounts may have toxic effects.

Medical condition prone to aggravation by exposure.

Primary route(s) of entry: Dermal, inhalation, ingestion.

Emergency and first aid procedures

Eyes: Flush with water 15 minutes, lifting eyelids.

Skin: Flush with water.

Inhalation: Remove to fresh air. If breathing has stopped, give artificial respiration, get medical attention.

Ingestion: Do not induce vomiting. Give large amounts of water or milk. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get medical attention.

Section VI - Reactivity Data

Stability: This product is stable under normal storage conditions.

Hazardous Polymerization: Will not occur under normal conditions.

Hazardous Decomposition Products: Normal decomposition to carbon dioxide, carbon monoxide, nitrous oxide and ammonia vapors. Carbon monoxide hazardous in enclosed high concentrations.

Conditions to avoid: Strong oxidizing agents.

Incompatibility: Anionic surfactants or soaps.

Section VII - Spill or Leak Procedures

Steps to be taken in case material is released or spilled: Prevent spills from entering sewers, or any unauthorized water systems. Dike for recovery or disposal. Small amounts, flush to sewer.

Waste disposal method: Disposal should be in accordance with local state and federal regulations. Dispose in accordance with appropriate federal, state and local regulations.

Section VIII - Safe Handling and Use Information

Respiratory protection: NIOSH/OSHA approved respirator type suitable for materials in section II recommended. Approved chemical/mechanical filter recommended when ventilation is restricted.

Ventilation: Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGHI's TLV limit.

Protective glove: Gloves needed for extra sensitive skin.

Eye Protection: Safety glasses or goggles.

Other protective equipment.

Hygienic Practices: Wash after each use.

Section IX - Special Precautions

Precautions to be taken in handling and storage: Store in cool dry area with ventilation suitable for storing materials shown in Section II. Keep away from sparks and open flames.

Other Precautions: Obey all hazard warnings when containers are emptied.

Section X - HMIS Rating

Health: 3 Flammability: 2 Reactivity: 0 Personal Protection: H

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.