

MATERIAL SAFETY DATA SHEET

THE EMBALMERS' SUPPLY COMPANY
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EMERGENCY PHONE 24 HOURS
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I. IDENTIFICATION

CHEMICAL FAMILY: Drainage Embalming Chemical

TRADE NAME: CALSEC

PRODUCT NUMBER: 03020

II. HAZARDOUS INGREDIENTS

INGREDIENT NAME	CAS #	%	OSHA PEL TWA;STEL(15)	AGCIH TLV TWA;STEL(15)
Ethylene Glycol	107-21-1	12.4	50ppm Ceiling	
Methanol	67-56-1	8.8	200ppm; 250ppm Skin	200ppm; 250ppm Skin

III. PHYSICAL DATA

BOILING POINT (At 760mm Hg) (°F)	198	SPECIFIC GRAVITY (H ₂ O=1)	1.029-1.031
VAPOR PRESSURE (mm Hg)	92.0	MELTING POINT °F	N/A
VAPOR DENSITY (Air=1)	>1	EVAPORATION RATE (Butyl Acetate=1)	<1
SOLUBILITY IN WATER	Complete	PERCENT VOLATILE	94.7
APPEARANCE & ODOR	Clear Red Liquid. Floral Odor.		

IV. FIRE AND EXPLOSION DATA

FLAMMABLE LIMITS IN AIR

FLASH POINT °F (Tag Closed Cup): 142

Lower: 6.0%

Upper: 36.5%

Extinguishing Media: Dry Chemical; Alcohol Foam; Water Spray

V. **HEALTH HAZARD DATA:** Effects of exposure & toxicity data:

INGESTION: Poisonous if swallowed. Can affect the optic nerve resulting in blindness. Can cause mental sluggishness, nausea and vomiting leading to severe illness, possibly death (in humans). **INHALATION:** Extremely high levels cause stupor, headache, nausea, dizziness and unconsciousness.

SKIN CONTACT: Essentially non-irritating. Repeated or prolonged contact causes drying, brittleness, cracking and irritation.

EYE CONTACT: May cause eye injury, which may persist for several days. Liquid and vapor in high concentrations, causes irritation, tearing and burning sensation.

HMIS RATINGS	
HEALTH:	1
FIRE:	2
REACTIVITY:	0
SPECIAL:	0

EMERGENCY FIRST AID PROCEDURES:

INGESTION: Induce vomiting of conscious patient immediately by giving two glasses of water and pressing finger down throat. Contact physician immediately.

INHALATION: Remove patient from contaminated area. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.

SKIN CONTACT: Remove contaminated clothing and wash contaminated area with large amounts of water. If irritation persists, call a physician.

EYE CONTACT: Flush eyes with water for at least 15 minutes. Contact a physician immediately

VI. **SPILL AND DISPOSAL INFORMATION**

SPILL OR LEAK: Remove all sources of ignition. Ventilate area Absorb liquid with vermiculite or dry' earth Wash with water.

WASTE DISPOSAL: Dispose of residue in compliance with Federal, State and local regulations

VII. **REACTIVITY DATA**

PRODUCT IS STABLE HAZARDOUS POLYMERIZATION WILL NOT OCCUR

MATERIALS AND CONDITIONS TO AVOID:

Strong oxidizers. Heat and open flames

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition may produce carbon monoxide

VII. **PROTECTION INFORMATION**

Respirator, protection: Ventilation should be adequate to keep exposure levels below the indicated limits. If exposure limits are exceeded, a full face NIOSH approved respirator should be used.

Ventilation: Local exhaust should be adequate to control exposure.

Eye Protection: Chemical splash goggles recommended

Protective gloves: Neoprene, Butyl or Polyvinyl gloves should be worn.

IX. **SPECIAL PRECAUTIONS**

Keep containers closed. Store in a cool well ventilated area away from open flames. Do not breath vapor Avoid prolonged or repeated contact with skin Wash thoroughly with soap and water after handling

X. This mixture contains a toxic chemical or chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372

Methanol	CAS number	67-56-1	Reportable Quantity	5000 pounds
Ethylene Glycol	CAS number	107-21-1	Reportable Quantity	5000 pounds

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