

MATERIAL SAFETY DATA SHEET

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

CHEMICAL FAMILY: Supplementary Embalming Chemical – Mixture

TRADE NAME: Drug & Stain Remover PRODUCT NUMBER: 20085

II. HAZARDOUS INGREDIENTS

INGREDIENT NAME	CAS #	%	OSHA PEL TWA;STEL(15)	AGCIH TLV TWA;STEL(15)
Ethylene Glycol	107-21-1	25.0	None Established	None Established
Dimethyl Sulfoxide (DMSO)	67-68-5	74.0	None Established	None Established

III. PHYSICAL DATA

BOILING POINT (At 760mm Hg)	370	SPECIFIC GRAVITY (H ₂ O=1)	1.118
VAPOR PRESSURE (mm Hg)	<0.5	MELTING POINT	N/A
VAPOR DENSITY (Air=1)	>1	EVAPORATION RATE (Butyl Acetate=1)	<1
SOLUBILITY IN WATER	Complete	PERCENT VOLATILE	75.0
APPEARANCE & ODOR	Clear colorless liquid, characteristic odor		

IV. FIRE AND EXPLOSION DATA

FLASH POINT °F (Tag Closed Cup): 192

FLAMMABLE LIMITS IN AIR

Lower: 3.0% Upper: 63.0%

Extinguishing Media: Dry Chemical; Carbon Dioxide; "Alcohol" Foam, Water Spray

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

INGESTION: Based on animal data, large oral doses can cause bloody urine, kidney damage or liver damage.

INHALATION: Can cause headache, nausea, irritation and dizziness. Gross overexposures (more than 50,000 ppm) have produced chemical pneumonia and death in experimental animals.

SKIN CONTACT: DMSO is rapidly absorbed through the skin or mucous membranes and may produce contact dermatitis. It may accelerate the skin absorption of other materials including toxins.

EYE CONTACT: Can cause irritation or reddening

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

EMERGENCY FIRST AID PROCEDURES:

INGESTION: Do not induce vomiting. 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: Immediately remove contaminated clothing and wash contaminated area with large amounts of water. If irritation persists, call a physician. Wash clothing before reuse.

EYE CONTACT: Immediately 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:
monoxide

Thermal decomposition may produce carbon

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

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