

SAFETY DATA SHEET

embalmology

Embalmex™

Revision Date: 01/15/2018

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifiers

Product Identity	Embalmex
Alternative Names	Biomembrane Conditioner

1.2 Relevant identified uses of the substances or mixtures and used advised against

Identified uses	Coinjection embalming chemical
Application method	See Technical Data Sheet

1.3 Details of the supplier of the SDS

Company Name	Embalmology 80 American Legion Highway Revere, MA 02151 USA
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1.4 Emergency telephone number

24 Hour	(617) 974-4960
Customer service	Embalmology (617) 974-4960

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

No applicable GHS categories.

2.2 GHS Label elements

No applicable GHS categories.

[Prevention]

No GHS prevention statements

[Response]

No GHS response statements

[Storage]

No GHS storage statements

[Disposal]

No GHS disposal statements

3. COMPOSITION / INFORMATION ON INGREDIENTS

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances Regulations.

Ingredient / Chemical Designation	Weight %	GHS Classification	Notes
Methane, Sulfinylbis CAS No. 0000067-68-5	30-40		(1)
Propylene Glycol CAS No. 0000057-55-66	10-20		(1)
M1 CAS No. Proprietary	1-5		(1)

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

(1) Substance classified with a health or environmental hazard.

FIRST AID MEASURES**4.1 Description of first aid measures**

General	In all cases of doubt, or when symptoms persist, seek medical attention.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eye Contact	Irrigate copiously with clean fresh water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin Contact	Remove contaminated clothing. Wash skin with soap and water.
Ingestion	If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Use water spray, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, Sulphur oxides

5.3 Advice for fire-fighters

Standard procedures for fires.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures

Use personal protective equipment. Avoid contact with eyes, skin, or clothing.

6.2 Environmental precautions

Do not let product enter drains. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or use of the toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3 Methods and material for containment and cleanup

Use absorbent and place into suitable containers for disposal. Clean area as appropriate since some material, even in small quantities, may present a slip hazard. Final cleaning may require steam, solvents or detergents.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices.

7.2 Conditions for safe storage, including any incompatibilities

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Store in original container. Keep container tightly closed in a dry well-ventilated place.

7.3 Specific end use(s)

No data available.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

Exposure

Ingredient / Chemical Designation	Source	Value
Methane, sulfinylbis CAS No. 0000067-68-5	OSHA	No established limit
	ACGIH	No established limit
	NIOSH	No established limit
	Supplier	No established limit
Propylene Glycol CAS No. 0000057-55-6	OSHA	None listed
	ACGIH	None listed
	NIOSH	None listed
	Supplier	No established limit
M1 CAS No. Proprietary	OSHA	None listed
	ACGIH	None listed
	NIOSH	No data available
	Supplier	No established limit

Carcinogen Data

Ingredient / Chemical Designation	Source	Value
Methane, sulfinylbis CAS No. 0000067-68-5	OSHA	Select Carcinogen: No
	NTP	Known: No; Suspected: No
	IARC	Group 1, 2a, 2b, 3, 4: No

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Propylene Glycol CAS No. 0000057-55-6	OSHA NTP	N/A N/A
M1 CAS No. Proprietary	OSHA NTP IARC	Select Carcinogen Known: No; Suspected: No Group 1, 2a, 2b, 3, 4: No

8.2 Exposure controls

Respiratory	Not necessary where area is properly ventilated.
Eye/face protection	Wear safety eyewear; safety glasses, goggles, or visor to protect against splashing liquid.
Skin protection	Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. All parts of the body should be washed after contact. Wear PVC or rubber gloves.
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or toileting. Promptly remove soiled clothing; wash thoroughly before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid
Odor	Characteristic
Odor threshold	No data available
pH	No data available
Melting pt. / freezing pt.	No data available
Initial boiling pt. and boiling range	No data available
Flash point	>110 °C (>230 °F)
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/Lower flammability or explosion limits	Not applicable
Vapor pressure	No data available
Vapor density	Not applicable
Specific gravity	1.010-1.020

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Solubility in water	100% complete
Partition coefficient n-octanol/water (Log Pow)	No data available
Auto-ignition temperature (C)	No data available
Decomposition temperature	No data available
Viscosity (cps)	No data available

9.2 Other information

No other relevant information.

10. STABILITY AND REACTIVITY

10.1. Reactivity

No dangerous reaction known under conditions or normal use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions.

None known.

10.4. Conditions to avoid.

Excessive heat and open flame.

10.5. Incompatible materials.

Strong oxidizing agents, Strong acids, Oxidizers.

10.6. Hazardous decomposition products

None known

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Ingredient	Oral (mg/kg)	Skin LD50 (mg/kg)	Inhalation Vapor LD50 (mg/L4hr)	Inhalation Dust/Mist LD50 (mg/L/4hr)	Inhalation Gas LD50 (ppm)
Methane, sulfinylbis CAS NO. 67-68-5	14,500.00, Rat- Category: N/A	5,000.00, Rabbit- Category: 5	No data available	No data available	40,250.00, Rat Category: N/A

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Propylene Glycol CAS NO. 57-55-6	20,000.00, Rat- Category: N/A	20,800.00, Rabbit- Category: N/A	105.00, Rat- Category: N/A	No data available	No data available
M1 CAS NO. Proprietary	No data available	No data available	No data available	No data available	No data available

Item	Category	Hazard
Acute Toxicity (mouth) ---	-	N/A
Acute Toxicity (skin) ---	-	N/A
Acute Toxicity (inhalation) ---	-	N/A
Skin corrosion/irritation ---	-	N/A
Eye damage/irritation ---	-	N/A
Sensitization (respiratory) ---	-	N/A
Sensitization (skin) ---	-	N/A
Germ toxicity ---	-	N/A
Carcinogenicity ---	-	N/A
Reproductive Toxicity	-	N/A
Specific target organ systemic toxicity (single exposure)		N/A
Specific target organ systemic Toxicity (repeated exposure)		N/A
Aspiration hazard		N/A

12. ECOLOGICAL INFORMATION

Ingredient	96 hr LC50 Fish (mg/l)	48 hr EC50 Crustacean (mg/l)	ErC50 Algae (mg/l)
Methane, sulfinylbis CAS NO. 67-68-5	34,000.00 Pimephales promelas	25,000.00 Daphnia magna	12,350.00 (96 hr), Skeletonema costatum
Propylene Glycol CAS NO. 57-55-6	710.00 Pimephales promelas	10,000.00, Daphnia magna	No data available
M1 CAS NO. Proprietary	No data available	No data available	No data available

12.2. Persistence and degradability

No data available

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12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

Using information provided in this data sheet, advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply.

14. TRANSPORT INFORMATION

14.1 Transport Classes

DOT (Domestic Surface Transportation)

IMO / IMDG (Ocean Transportation)

DOT Proper Shipping

IMDG Proper Shipping

Name: Not regulated

Name: Not regulated

DOT Shipping Class: N/A

IMDG Hazard Class: N/A

Sub Class N/A

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14.2 Environmental hazards

DOT: N/A

IMDG N/A

15. REGULATORY INFORMATION

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

WHMIS Classification N/A

US EPA Tier II Hazards Fire: No
Sudden Pressure Release: No
Reactivity: No
Immediate Health: No
Delayed Health: No

EPCRA 311/312 Chemicals and RQs (>.1%)
None listed

EPCRA 302 Extremely Hazardous (>.1%)
None listed

EPCRA 313 Toxic Chemicals (>.1%)
None listed

Proposition 65 - Carcinogens (>0.0%)
None listed

Proposition 65 - Developmental Toxins (>0.0%)
None listed

Proposition 65 - Female Repro Toxins (>0.0%)
None listed

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Proposition 65 - Male Repro Toxins (>0.0%)
None listed

N.J. RTK Substances (>1%)
Methane, sulfinylbis-
Propylene Glycol

PA RTK Substances (>1%)
Propylene Glycol

16. OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

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