

SAFETY DATA SHEET

embalmology

Restorex Intensive Repair Humectant

Revision Date: 02/11/2022

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifiers

Product Identity	Restorex
Alternative Names	Intensive Repair Humectant

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
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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)

2.2 GHS Label elements

No applicable GHS categories

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
Glycerine CAS No. 0000056-81-5	60-70		(1)
Propylene Glycol CAS No. 0000057-55-66	20-30		(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

Inhalation: Remove to fresh air.

Eyes: Flush eyes immediately with clean water for at least 15 minutes. Seek medical attention if irritation persists.

Skin: Wash off with soap and water. Remove and wash clothing and shoes before reuse.

Ingestion: If accidentally swallowed obtain immediate medical attention.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Dry chemical, foam, carbon dioxide, and water fog.

5.2 Special hazards arising from the substance or mixture

None.

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.

6.2 Environmental precautions

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.

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

Store in original container. No special restrictions on storage with other products.

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
Glycerine CAS No. 0000056-81-5	OSHA	TWA 5 mg/m3, STEL 15 mg/m3
	ACGIH	TWA 10 mg/m3
	NIOSH	No data available
	Supplier	No established limit
Propylene Glycol CAS No. 0000057-55-6	OSHA	None listed
	ACGIH	None listed
	NIOSH	None listed
	Supplier	No established limit

Carcinogen Data		
Ingredient / Chemical Designation	Source	Value
Glycerine CAS No. 0000056-81-5	OSHA NTP IARC	Select Carcinogen: No Known: No; Suspected: No Group 1, 2a, 2b, 3, 4: No
Propylene Glycol CAS No. 0000057-55-6	OSHA NTP	N/A N/A

8.2 Exposure controls

Respiratory	No personal respiratory protective equipment normally required.
Eyes	Wear safety eyewear; safety glasses, goggles, or visor to protect against splashing liquid.
Skin	Wear impervious clothing. For prolong or repeated contact, use protective gloves
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	Colorless. Viscous.
Odor	Characteristic
Odor threshold	No data available
pH	No data available
Melting pt. / freezing pt.	No data available
Initial boiling pt. and boiling range	100-102C (212-216°F)
Flash point (TCC)	Not applicable
Evaporation rate (Bu Acetate=1)	Great than 1
Flammability (solid, gas)	No data available
Upper/Lower flammability or explosion limits	Not applicable
Vapor pressure (Pa)	No data available
Vapor density	Not applicable
Specific gravity	1.010-1.020
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.

None known.

10.5. Incompatible materials.

None known

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)
Glycerine CAS NO. 56-81-5	12,600.00, Rat- Category: N/A	>10.000.00, Rabbit- Category: N/A	No data available	No data available	No data available
Propylene Glycol CAS NO. 57-55-6	20,000.00, Rat- Category: N/A	20,800.00, Rabbit-	105.00, Rat- Category: N/A	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)
Glycerine CAS NO. 56-81-5	No data available	No data available	No data available
Propylene Glycol CAS NO. 57-55-6	710.00 Pimephales promelas	10,000.00, Daphnia magna	No data available

12.2. Persistence and degradability

No data available

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. TRANSPORTATION 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

14.2 Environmental hazards

DOT: N/A	IMDG N/A
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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%)
Glycerin RQ (no data available)

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

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

N.J. RTK Substances (>1%)
Propylene Glycol
Glycerin

PA RTK Substances (>1%)
Propylene Glycol
Glycerin

16. OTHER INFORMATION

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