

# SAFETY DATA SHEET

**embalmology**

**Lubricell™**

Revision Date: 02/20/2018

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## 1. PRODUCT AND COMPANY IDENTIFICATION

### 1.1 Product Identifiers

Product Identity	Lubricell
Alternative Names	Vascular Penetrant Infusion

### 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

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## 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. Not a hazardous substance or mixture.

### 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

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture: Substance

Chemical nature: Silicone

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#### Hazardous ingredients

No hazardous ingredients

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### 4. FIRST AID MEASURES

General advice	In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.
If inhaled	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
In case of skin contact	Wash with water and soap as a precaution. Get medical attention if symptoms occur.
In case of eye contact	Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.
If swallowed	DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.
Notes to physician	Treat symptomatically and supportively.

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### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray, Alcohol-resistant foam, Carbon dioxide (CO2)
Unsuitable extinguishing media	Dry chemical
Specific hazards during fire-fighting	Exposure to combustion products may be a hazard to health. Applying foam will release significant amounts of hydrogen gas that can be trapped under the foam blanket.
Hazardous combustion products	Carbon oxides, Silicon oxides, Formaldehyde

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Specific extinguishing methods

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Do not allow extinguishing medium to contact container contents. Most fire extinguishing media will cause hydrogen evolution, and once the fire is put out, may accumulate in poorly ventilated or confined areas and result in flash fire or explosion if ignited. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

Special protective equipment  
For fire-fighters

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

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## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations.

Environmental precautions

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

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Methods and materials for containment  
and cleaning up

Soak up with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Materials in contact with water, moisture, acids or bases have the potential to generate hydrogen gas. Recovered material should be stored in a vented container. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements. Recovered material should be stored in a vented container. The vent must prevent the ingress of water as further reaction with spilled materials can take place which could lead to over pressurization of the container. Clean area as appropriate since some silicone material, even in small quantities, may present a slip hazard. Final cleaning may require steam, solvents or detergents.

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## 7. HANDLING AND STORAGE

Technical measures

See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.

Local/Total ventilation

Use only with adequate ventilation.

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## Advice on safe handling

Avoid inhalation of vapor or mist. Do not swallow. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Handle in accordance with good industrial hygiene and safety practice. Keep away from water. Protect from moisture. Take care to prevent spills, waste and minimize release to the environment.

## Conditions for safe storage

Keep in properly labeled containers. Store in original container. Store in a closed container. Store in accordance with the particular national regulations. Product may evolve minute quantities of flammable hydrogen gas which can accumulate. Adequately ventilate to maintain vapors well below flammability limits and exposure guidelines. Do not repackage. Clogged container vents may increase pressure build up.

## Materials to avoid

Do not store with the following product types:  
Strong oxidizing agents

## Packaging material

Unsuitable material: Do not store in or use containers except the original product package.

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## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

### Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

### Engineering measures

Processing may form hazardous compounds (see section 10). Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.

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## Personal protective equipment

Respiratory protection

No personal respiratory protective equipment normally required.

Hand protection

Material

Chemical-resistant gloves

Remarks

Choose gloves to protect hands against chemicals depending on the concentration specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.

Eye protection

Wear the following personal protective equipment: Safety glasses

Skin and body protection

Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).

Hygiene measures

Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

liquid

Color

amber

Odor

characteristic

Odor Threshold

No data available

pH

No data available

Melting point/freezing point

No data available

Initial boiling point and boiling range

> 65 °C

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Flash point	100 °C Method: Pensky-Martens closed cup
Evaporation rate	No data available
Flammability (solid, gas)	Not applicable
Flammability (liquids)	Not applicable
Self-ignition	The substance or mixture is not classified as pyrophoric. The substance or mixture is not classified as self-heating.
Upper explosion limit / Upper flammability limit	No data available
Lower explosion limit / Lower flammability limit	No data available
Vapor pressure	No data available
Relative vapor density	No data available
Relative density	1.031
Solubility(ies)	
Water solubility	No data available
Partition coefficient: noctanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity	
Viscosity, kinematic	30 cSt (25 °C
Explosive properties	Not explosive
Oxidizing properties	The substance or mixture is not classified as oxidizing.
Molecular weight	No data available
Particle size	Not applicable

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## 10. STABILITY AND REACTIVITY

Reactivity	Contact with water liberates highly flammable gases.
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Product may evolve flammable hydrogen gas on contact with water, alcohols, acidic or basic materials, many metals or metallic compounds and can form explosive mixtures in air. Hazardous decomposition products will be formed at elevated temperatures.
Conditions to avoid	Exposure to moisture.
Incompatible materials	Oxidizing agents
<b>Hazardous decomposition products</b> Thermal decomposition	Formaldehyde

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## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Inhalation  
Skin contact  
Ingestion  
Eye contact

### Acute toxicity

Not classified based on available information.

Acute oral toxicity	Acute toxicity estimate: 3,125 mg/kg Method: Calculation method
Acute dermal toxicity	LD50 (Rabbit): > 2,000 mg/kg Remarks: On basis of test data.



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## **Skin corrosion/irritation**

Not classified based on available information.

### **Product:**

Species: Rabbit

Result: No skin irritation

Remarks: On basis of test data.

## **Serious eye damage/eye irritation**

Not classified based on available information.

### **Product:**

Species: Rabbit

Result: No skin irritation

Remarks: On basis of test data.

## **Respiratory or skin sensitization**

### **Skin sensitization**

Not classified based on available information.

### **Respiratory sensitization**

Not classified based on available information.

### **Product:**

Assessment: Does not cause skin sensitization.

Test Type: Maximization Test

Species: Guinea pig

Result: negative

Remarks: On basis of test data.

## **Germ cell mutagenicity**

Not classified based on available information.

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## **Carcinogenicity**

Not classified based on available information.

### **IARC**

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

### **OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

### **NTP**

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

## **Reproductive toxicity**

Not classified based on available information.

## **STOT-single exposure**

Not classified based on available information.

## **STOT-repeated exposure**

Not classified based on available information.

## **Aspiration toxicity**

Not classified based on available information.

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## **12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

#### **Product:**

Toxicity to fish

LC50 (Pimephales promelas (fathead minnow)):  
4.3 mg/l Exposure time: 96 h

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Toxicity to daphnia and other aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 41 mg/l  
Exposure time: 48 h

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**

No data available

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## 13. DISPOSAL CONSIDERATIONS

**Disposal methods**

Resource Conservation and Recovery Act (RCRA)

When a decision is made to discard this material as supplied, it is classified as a RCRA hazardous waste.

Waste Code

D003: Reactivity

Waste from residues

Dispose of in accordance with local regulations.

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.

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## 14. TRANSPORTATION INFORMATION

### 14.1 Transport Classes

DOT (Domestic Surface Transportation)

IMO / IMDG (Ocean Transportation)

DOT Proper Shipping

IMDG Proper Shipping

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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%)  
None listed 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

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

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

N.J. RTK Substances (>1%)  
None listed

PA RTK Substances (>1%)  
None listed

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## 16. OTHER INFORMATION

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