



SAFETY DATA SHEET

Section 1 – Product and Company Identification

THE EMBALMERS' SUPPLY COMPANY
5 Colton Road
East Lyme, CT 06333

INFORMATION: 860-739-4200
EMERGENCY PHONE (24hr) CHEMTREC: 800-424-9300
www.embalmers.com – info@embalmers.com

Trade Name: Pen Lube
Product Type: Embalming Chemical
Contains Pheol 3.6% & Formaldehyde 25 %

Product Code: 20073
Revision Date: Mar-15

Section 2 – Hazards Identification

Form: Flammable Liquid **Odor:** Sweet
OSHA/HCS status: This contains material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
DANGER!



Emergency Overview:

DANGER! Harmful or fatal if swallowed. Combustible Liquid. If swallowed, may be aspirated and cause lung damage. May cause eye irritation. Avoid eye contact. Use with adequate ventilation. Keep away from heat, sparks and all other sources of ignition.

Potential Health Effects:

Inhalation: Hi concentrations may cause nasal and respiratory irritation and central nervous system effects such as headache, dizziness and nausea. Intentional abuse may be harmful or fatal.

Ingestion: This product has low oral toxicity. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea. This product is an aspiration hazard. If swallowed, can enter the lungs and may cause chemical pneumonitis, sever lung damage and death.

Skin: Prolonged and/or repeated contact may produce mild irritation and defatting with possible dermatitis.

Eyes: Contact may be irritation to eyes. May cause redness and tearing.

Potential chronic health effects

Chronic effects: None expected.

Carcinogenicity: No Data.

Overexposure: Pre-existing eye, skin and respiratory conditions may be aggravated by exposure.

See section 12 for more detailed information on Ecological effects.

Section 3 – Composition/Information on Ingredients

| <u>Ingredient Name:</u> | <u>CAS number</u> | <u>WT %</u> |
|---|-------------------|-------------|
| Mixed Hydrocarbons: Petroleum Distillate | 64741-92-0 | 60.0 – 90.0 |
| Carbon Dioxide | 124-38-9 | 4.0 – 5.0 |

Section 4 – First Aid Measures

| | |
|-------------------|---|
| Inhalation | If irritation is experienced, move to fresh air. Get medical attention if irritation or other symptoms develop and persist. |
| Skin | Wash with soap and water. If irritation develops and persists, get medical attention. |
| Eye | Flush thoroughly with water. Remove contact lenses if present after the first 5 minutes and continue flushing for several more minutes. Get medical attention if irritation persists. |
| Ingestion | Aspiration Hazard. DO NOT induce vomiting. Call a physician, poison control center immediately. |

Section 5 – Fire-fighting measures

Flammability of the product Flammable Liquid

Extinguishing media

Suitable Use water fog, dry chemical, carbon dioxide or foam. Do not use water jet or flooding amounts of water. Burning products will float on the surface and spread fire.

Special Fire Fighting Procedures: Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water.

Unusual Fire and Explosion Hazards: Combustible liquid and vapor. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back.

Section 6 – Accidental Release Measures

Wear appropriate protective clothing (see Section 8). Eliminate all sources of ignition and ventilate area. Contain and collect liquid with an inert absorbent and place in a container for disposal. Clean spill area thoroughly. Report spills to authorities as required.

Section 7 – Handling & Storage

Handling Avoid contact with eyes. Avoid prolonged contact with skin. Avoid breathing vapors or aerosols. Use with adequate ventilation. Keep away from heat, sparks, hot surfaces and open flames. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children.

Storage Store in a cool, well-ventilated area, away from incompatible material. NFPA 30 Class II Liquid.

Section 8 – Exposure Control/Personal Protection

| <u>Ingredient Name:</u> | <u>Occupational exposure limits</u> | |
|--------------------------------|--|--------------------------------|
| Mixed Hydrocarbons: | OSHA PEL 8-hr TWA | OSHA PEL STEL (15 mins) |
| Petroleum Distillate | 5mg/m ³ | 5mg/m ³ |

The Following Controls are Recommended for Normal Consumer Use of this Product

Engineering Use in a well ventilated area.

Protection:

Skin/Body Avoid prolonged skin contact. Chemical resistant gloves recommended for operations where skin contact is likely.

Eye protection Avoid eye contact. Safety glasses or goggles recommended.

Respiratory Protection: None needed for normal use with adequate ventilation.

Work/Hygiene Practices: Wash with soap and water after handling.

Section 9 – Physical & Chemical Properties

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|---|--------------------|
| Appearance (physical state, color, etc.) | Amber liquid |
| Odor | Sweet odor |
| pH | N/A |
| Specific Gravity | 0.8 – 0.82 @ 60 °F |
| Melting point/freezing point | freezes below 0° C |
| Boiling point | 183 - 187° C |
| Flash point | 49 °C |
| Evaporation Rate | >1 |
| Flammability (solid/gas) | Flammable liquid |
| Lower flammable limit | 0.6% |
| Upper flammable limit | 8.0% |
| Vapor pressure (mm Hg) | 1 psi @ 38°C |
| Vapor density | >1 |
| Relative density | >1 |
| Water solubility | Insoluble |
| Partition coefficient: n-octanol/water | <1 |
| Auto ignition temperature | No Data |
| Decomposition temperature | NA |
| Viscosity | >1 |

Section 10 – Stability & Reactivity

Stability Stable

Conditions to avoid Avoid excess heat, sparks, flames and other sources of ignition.

Materials to avoid Strong oxidizing agents.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.

Section 11- Toxicological Information

Acute toxicity**Ingredient Name:**

The oral toxicity of this product is estimated to be greater than 5,000 mg/kg based on an assessment of the ingredients. This product is not classified as toxic by established criteria. It is an aspiration hazard. None of the components of this product is listed as a carcinogen or suspected carcinogen or is considered a reproductive hazard.

Section 12 – Ecological Information

Environmental effects No data is currently available.

Section 13 – Disposal Considerations

Waste disposal If this product becomes a waste, it would be expected to meet the criteria of a RCRA ignitable hazardous waste(D001). However, it is the responsibility of the generator to determine at the time of disposal the proper classification and method of disposal. Dispose in accordance with federal, state and local regulation.

Section 14 – Transportation Information

DOT Surface Shipping Description: Excepted from Hazmat (49CFR 173.150 (F)) in non-bulk packaging. Bulk Packagings: NA 1993, Combustible Liquid, n.o.s. (contains Petroleum Distillates), PG III
IMDG Shipping Description: UN1268, Petroleum Distillates, n.o.s. 3 PG III.

Section 15 – Regulatory Information

US Federal Regulations:

CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA TITLE III:

Hazard Category For Section 311/312: Acute Health, Fire Hazard

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III

Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): This product does not contain chemicals regulated under California Proposition 65.

VOC Regulation: This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.

Canadian Environmental Protection Act: One of the components is listed on the NDSL. All of the other ingredients are listed on the Canadian Domestic Substances List or exempt from notification.

Canadian WHMIS Classification: Class B-3 (Combustible Liquid). This SDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the SDS contains all of the information required by the CPR.

Section 16 – Other Information

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