



# SAFETY DATA SHEET

## Section 1 – Product and Company Identification

**THE EMBALMERS' SUPPLY COMPANY**  
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**Trade Name:** Odeo  
**Product Type:** Embalming Supplement

**Product Code:** 20076  
**Revision Date:** Mar-15

## Section 2 – Hazards Identification

**Appearance:** Clear Liquid    **Odor:** None

**Emergency Overview:** WARNING Irritant



**Potential Health Effects:** [See section 11 for additional information]

**Eye:** Produces irritation,

**Skin:** May cause irritation with pain and stinging, especially if the skin is abraded

**Ingestion:** No made for human consumption.

**Inhalation:** No Data

**Chronic:** No Data

## Section 3 – Composition/Information on Ingredients

<u>Ingredient Name:</u>	<u>CAS number</u>	<u>WT %</u>
N-soya N-ethyl soya morpholinium ethosulfate quaternary	61791-34-2	< 1.0

## Section 4 – First Aid Measures

**Eyes:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.

**Skin:** In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse.

**Ingestion:** Get medical aid immediately. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If vomiting occurs naturally, have victim lean forward.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

**Notes to Physician:** Urine acetone test may be helpful in diagnosis. Hemodialysis should be considered in severe intoxication. Treat symptomatically and supportively.

## Section 5 – Fire-fighting measures

**General Information** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form an explosive mixture with air. Vapors can travel to a source of ignition and flash back. Will burn if involved in a fire. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire. Flammable liquid and vapor. May form explosive peroxides. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas.

**Extinguishing Media:** Water may be ineffective. Do NOT use straight streams of water. For large fires, use dry chemical, carbon dioxide, alcohol-resistant foam, or water spray. For small fires, use carbon

dioxide, dry chemical, dry sand, or alcohol-resistant foam. Cool containers with flooding quantities of water until well after fire is out.

**Autoignition Temperature:** No Data  
**Flash Point:** No Data  
**Explosion Limits: Lower:** No Data  
**Explosion Limits: Upper:** No Data  
**NFPA Rating: health:** No Data

### Section 6 – Accidental Release Measures

**General Information** Use proper personal protective equipment as indicated in section 8

**Spill/Leaks** Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. A vapor suppressing foam may be used to reduce vapors.

### Section 7 – Handling & Storage

**Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Loosen closure cautiously before opening. Contents may develop pressure upon prolonged storage. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Take precautionary measures against static discharges. Keep container tightly closed. Do not ingest or inhale. Use only in a chemical fume hood. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Use only with adequate ventilation. Avoid breathing vapor or mist.

**Storage:** Keep away from heat, sparks, and flame. Keep away from sources of ignition. Do not store in direct sunlight. Store in a tightly closed container. Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatible substances. Flammables-area. After opening, purge container with nitrogen before reclosing. Periodically test for peroxide formation on long-term storage. Addition of water or appropriate reducing materials will lessen peroxide formation. Store protected from moisture

### Section 8 – Exposure Control/Personal Protection

**Ingredient Name:** **Occupational exposure limits**

	<b>AGCIH</b>	<b>NIOSH</b>	<b>OSHA</b>
N-soya N-ethyl soya morpholinium ethosulfate quaternary	None listed	None listed	None listed

**Engineering** Use adequate general or local exhaust to keep airborne concentrations below the permissible exposure levels

#### Personal Protective Equipment

**Eyes** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.  
**Skin** Wear appropriate protective gloves to prevent skin exposure.  
**Clothing** Wear appropriate protective clothing to prevent skin exposure.  
**Respirators** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN149. Always use a NIOSH or European EN149 approved respirator when necessary.

### Section 9 – Physical & Chemical Properties

**Appearance (physical state, color, etc.)** Liquid  
**Odor** none  
**pH** no data  
**Melting point/freezing point** -88 deg C ( -126.40f F)

<b>Boiling point</b>	82 deg C @ 760 mmHg ( 179.60f F)
<b>Flash point</b>	41 deg C ( 105.80 deg F)
<b>Evaporation Rate</b>	2.3 (n-butyl acetate=1)
<b>Famability (solid/gas)</b>	Flammable Liquid
<b>Lower flammable limit</b>	2.0 vol %
<b>Upper flammable limit</b>	12.7 @ 93.3f C
<b>Vapor pressure</b>	33 mm Hg @ 20 deg C
<b>Vapor density</b>	2.1 (Air=1)
<b>Relative density</b>	0.7850 (water=1)
<b>Water solubility</b>	Miscible
<b>Partition coefficient: n-octanol/water</b>	No Data
<b>Auto ignition temperature</b>	No Data
<b>Decomposition temperature</b>	No Data
<b>Viscosity</b>	No data

### Section 10 – Stability & Reactivity

<b>Stability</b>	Stable under normal temperatures and pressures.
<b>Conditions to avoid</b>	High temperatures, sources of ignition, incompatible materials.
<b>Materials to avoid</b>	Oxidizing agents, reducing agents,
<b>Hazardous Decomposition Products</b>	Thermal decomposition may produce carbon monoxide.

### Section 11- Toxicological Information

#### Acute toxicity

#### Section 11- Toxicological Information (continued)

No Data

#### Other Toxicological Information

No Data

### Section 12 – Ecological Information

No Data

### Section 13 – Disposal Considerations

**Waste disposal** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

**RCRA P-Series:** None listed

**RCRA U-Series:**

### Section 14 – Transportation Information

The data in this section is for information only and may not be specific to your package size or mode of transport. You will need to apply the appropriate regulation to properly classify your shipment.

#### US DOT

**Shipping Name:** Please contact The Embalmers' Supply Company for shipping information

**Hazard Class:**

**UN Number:**

**Packing Group:**

**Canada TDG**

**Shipping Name:** Not available

**Hazard Class:**

**UN Number:**

**Packing Group:**

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**Section 15 – Regulatory Information**

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**US regulations**

TSCA

Inventory.

**Section 15 – Regulatory Information (continued)**

No Data

**Canada**

**Section 15 – Regulatory Information (continued)**

No Data

**European/International Regulations**

No Data

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**Section 16 – Other Information**

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**Prepared by**

The Embalmers' Supply Company

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