

# MATERIAL SAFETY DATA SHEET

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THE EMBALMERS' SUPPLY COMPANY  
5 COLTON ROAD  
EAST LYME, CT 06333

INFORMATION PHONE (860) 739-4200  
EMERGENCY PHONE 24 HOURS  
CHEMTREC (800) 424-9300

## I. IDENTIFICATION

CHEMICAL FAMILY: Disinfectant Liquid

**TRADE NAME:** CSD Disinfectant Product # 28025

## II. HAZARDOUS INGREDIENTS

| INGREDIENT NAME | CAS #     | %    | OSHA PEL     | AGCIH TLV          |
|-----------------|-----------|------|--------------|--------------------|
|                 |           |      | TWA;STEL(15) | TWA;STEL(15)       |
| Phosphoric Acid | 7664-38-2 | 3.2  |              | 1mg/m <sup>3</sup> |
| Iodine          | 7553-56-2 | 0.35 |              | 1mg/m <sup>3</sup> |

## III. PHYSICAL DATA

|                             |                   |                                       |            |
|-----------------------------|-------------------|---------------------------------------|------------|
| BOILING POINT (At 760mm Hg) | 213               | SPECIFIC GRAVITY (H <sub>2</sub> O=1) | 1.02       |
| PH                          | 1.5               | MELTING POINT                         | N/A        |
| VAPOR DENSITY (Air=1)       | Like water        | EVAPORATION RATE (Butyl Acetate=1)    | Like water |
| SOLUBILITY IN WATER         | Complete          | PERCENT VOLITILE                      | 93.0       |
| APPEARANCE & ODOR           | Dark Brown Liquid |                                       |            |

## IV. FIRE AND EXPLOSION DATA

### FLAMMABLE LIMITS IN AIR

FLASH POINT °F (Tag Closed Cup): None Lower: Upper: NA Upper: NA

Extinguishing Media: As necessary for surrounding fire

**VI. HEALTH HAZARD DATA**

Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes or on clothing. Avoid contact with skin. Wear goggles or face shield. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**EMERGENCY AND FIRST AID:**

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. If swallowed drink promptly a large quantity of water. Do not induce vomiting. Avoid alcohol. Get medical attention. Remove and wash all contaminated clothing before reuse. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

| HMIS RATINGS |   |
|--------------|---|
| HEALTH       | 3 |
| FIRE         | 0 |
| REACTIVITY   | 0 |
| SPECIAL      | 0 |

**VII. SPILL AND DISPOSAL INFORMATION**

**SPILL OR LEAK:** Carefully neutralize acid with soda ash or sodium carbonate. Neutralize iodine with sodium thiosulfate or sodium sulfite or flood area with large quantities of water. Wash to sewer if in accordance with local, state and federal regulations.

**WASTE DISPOSAL:** Dispose of residue in compliance with Federal, State and local regulations.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Keep out of lakes, ponds and streams. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge into lakes, streams, ponds or public waters unless in accordance with NPDES permit. For guidance, contact the regional office of EPA.

**VII. REACTIVITY DATA:**

**STABILITY:** Stable---**Yes** Unstable--No

Materials and conditions to avoid: Reducing agents, alkalis, strong oxides, chlorinated products..

Hazardous Polymerization: May Occur--No

**Will Not Occur--X**

Hazardous Decomposition Products: May give off iodine vapors with high temperatures. There are no hazardous decomposition products under normal circumstances.

**VIII. PROTECTION INFORMATION:**

Ventilation: Local exhaust not required

Eye Protection: Required

Protective Gloves: Required

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