

MATERIAL SAFETY DATA SHEET

MODIFIED JESSNER'S SOLUTION

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Product/Chemical Name: MODIFIED JESSNERS SOLUTION

An ethanolic solution of Citric Acid 8%, Salicylic Acid 17% and Lactic Acid USP 17%

Synonyms: ethyl alcohol; 2-hydroxy-1,2,3-propanetricarboxylic acid; 2-hydroxybenzoic acid; 2-hydroxypropionic acid

Formulas: C₂H₅OH; C₆H₈O₇; C₇H₆O₃; C₃H₆O₃

Physical Description: Very light amber-pink, thin syrupy liquid with a citrus and alcoholic odor, BP of solution unknown.

Special Hazards: Self-contained breathing apparatus required.

Unusual Fire/Explosion Hazards: Ethanol is flammable. Burns with a blue flame which may not be visible.

Extinguishing media: Use water fog, carbon dioxide, foam or dry chemical (water may be ineffective).

Reactivity: Stable under normal temperatures and pressure.

Hazardous Decomposition Products: Thermal decomposition products include toxic oxides of carbon, smoke and soot.

Spill or Leak Procedures

Action: For large spills, sweep up with a minimum of dusting and place into suitable clean, dry containers for reclamation or later disposal.

Disposal Method: To be performed in compliance with all current local, state and federal regulations.

Threshold Limit Value: N/A

Overexposure Effects: Repeated or prolonged exposure may cause symptoms of respiratory tract irritation leading to pulmonary edema with hypotension and dizziness.

Skin contact: May cause severe skin irritation, with redness, stinging and brownish or yellowish stain.

Potential Carcinogen: No

First Aid Procedures

Skin: Remove contaminated clothing and wash area with soap and water for at least 15 minutes until no evidence of chemical remains. In case of chemical burns, cover area with sterile, dry dressings. Bandage securely. Get medical attention immediately.

Eye: Check for and remove any contact lenses. May cause severe eye irritation. Flush with water for 15-20 minutes. Get medical attention.

Ingestion: Check for and remove any dentures. Dilute the poison immediately with large amounts of water or milk and remove by gastric lavage unless the victim is already vomiting. Get medical attention immediately. Gastric lavage should be preformed by qualified medical personnel.

Inhalation: Remove to fresh air. Give oxygen if necessary, get medical attention.

Storage Recommendations: Store in a cool, dry place protected against light.

Special Protection Information

Exhaust ventilation recommended. Protective gloves and safety goggles required.

Special Handling Precautions:

N/A