

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND DOCUMENT IDENTIFICATION

Product Identity: 2% Chlorhexidine Diacetate Solution
(With or without scent added)

Product Code: CA2%, 121-40,122-40

Manufactured by: Radix Laboratories, Inc.
1334 International Drive
Eau Claire, WI 54701

Emergency Telephone: (800) 424-9300

Information Telephone: (715) 833-0644

Date Prepared: April. 7, 2011

Contact: Radix Laboratories Inc.

Replaces issue of: N/A

Prepared By: Terry Krueger

2. IDENTIFICATION OF SIGNIFICANT CHEMICAL COMPONENTS:

<u>Component</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>mg/mL</u>
Chlorhexidine Diactate	56-95-1	5 mg/m ³	10 mg/m ³	20.0

3. FIRE/EXPLOSION HAZARDS:

Flash Point (Method Used): Open Cup 39.7°C/103°F

Flammable Limits: N/A

Extinguishing Media: Any media is acceptable. Use media appropriate for extinguishing surrounding fire and materials.

Special Fire Fighting Procedures: Usual fire fighting equipment including self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: None

4. FIRST-AID MEASURES:

Signs and Symptoms of Exposure: Concentrate is irritating to skin, nasal and respiratory tracts, and eyes. Ingestion of even small amounts may cause nausea/vomiting.

Medical Conditions Generally Aggravated by Exposure: Hypersensitivity is possible. Targets kidneys, nervous system.

Emergency and First Aid Procedures: Treat Symptomatically

SKIN: Wash with soap and water, remove contaminated clothing.

EYES: Flush with cold water for 15 minutes.

INGESTION: Seek medical attention and/or poison control center immediately.

5. PRECAUTIONS FOR SAFE HANDLING AND USE:

Clean up of Released/Spilled Material: Ventilate area of spill, collect material for disposal. Wear protective equipment during clean up. After clean up, flush area with water.

Waste Disposal Method: Dispose as non-hazardous waste at facility operating in compliance with applicable federal, state and local regulations.

Handling and Storing Precautions: Store at room temperature. Avoid extremes in temperature. Handle to avoid breakage or spillage. Store out of reach of children.

Other Precautions: Avoid contact with skin and eyes. Avoid ingestion.

Dilution Safety Precautions: Dilutions of this concentrated product that are prepared according to label instructions are safe to handle for short periods without skin protection. Use product only in accordance with its labeling. Avoid prolonged skin exposure to any dilutions. Ingestion of any dilution should be treated with the same severity as ingesting the concentrate.

6. EXPOSURE CONTROL MEASURES:

Respiratory Protection: Not normally required.

Ventilation: Local exhaust should be provided.

Protective Clothing or Equipment: Impervious gloves, goggles, lab coat or similar clothing.

Work/Hygienic Practices: Avoid contact with eyes, skin, mucous membranes. Avoid ingestion. Wash hands and face before eating, drinking or smoking.

7. PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Point: 100°C

Specific Gravity (20°C): 0.98

Vapor Pressure (mm Hg, 20°C): N/A

Evaporation Rate: N/A

Vapor Density (Air = 1): 2.07

(Butyl Acetate = 1)

Freezing Point: N/A

Autoignition: N/A

Solubility in Water: Complete if stored at 59-86F. Check for precipitation in very hard water.

Appearance and Odor: Blue liquid with little to no odor. Scented version contains musk fragrance.

8. REACTIVITY INFORMATION:

Stability: Stable

Conditions to Avoid: Avoid storage in direct sunlight.

Incompatibility (Materials to Avoid): Oxidizing Agents, Acids, Alkalais

Hazardous Decomposition or Byproducts: p-Chloroanaline, carbon oxides, nitrogen oxides

Hazardous Polymerization: Will not occur

9. TOXICOLOGICAL HAZARD INFORMATION:

Route(s) of Entry: Ingestion, skin, eyes.

Health Hazards (Acute and Chronic): Irritation to skin/eyes may occur on contact. Ingestion may cause nausea/vomiting.

Carcinogenicity: None, also nonmutagenic

Dermal (Rabbit) LD50: 10 g/kg

Oral (Mouse) LD50: 2 g/kg