

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND DOCUMENT IDENTIFICATION

Product Identity: Teat Dip 5% Chlorhexidine Acetate Concentrate **Product Code:** 5%CA, 119-20

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

Emergency Telephone: (800) 424-9300

Information Telephone: (715) 833-0644

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Contact: Radix Laboratories Inc.

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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 Diacetate	56-95-1	5 mg/m ³	10 mg/m ³	50.0
Glycerine	56-81-5	0.5 mg/m ³	10 mg/m ³	400

3. FIRE/EXPLOSION HAZARDS:

Flash Point (Method Used): 218°F/103°C

Flammable Limits: Flammable as 2.6% - 12.5% in air.

Extinguishing Media: Dry chemical/CO₂

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: Irritating to skin, nasal and respiratory tracts, and eyes.

Ingestion of even small amounts may cause nausea/vomiting.

Medical Conditions Generally Aggravated by Exposure: N/A

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: 188°C

Specific Gravity (20°C): 1.038

Vapor Pressure (mm Hg, 20°C): 0.000158

Evaporation Rate: 2.88

Vapor Density (Air = 1): 3.17

(Butyl Acetate = 1)

Freezing Point: Tested to -20°F, remained viscous liquid

Autoignition: >370°C (698°F)

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

Appearance and Odor: Dark blue liquid with little to no odor. Viscosity of light mineral oil at room temperature.

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-Chloroaniline, 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