

Material Safety Data Sheet

ClearZal BAC MSDS

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Section 1: Product and Company Identification

Product Name: ClearZal BAC

Catalog Codes: DDL 201

Active: Benzalkonium Chloride 0.1%

Active CAS#: 68424-85-1

Active EC# 270-325-2

Contact Information:

DiaDerm Laboratories

16835 Algonquin St. #410

Hunt. Bch., CA 92649

US Sales: 1-800-644-3363

International: 1-714-847-1103

24HR Emergency, call:

1-800-644-3363

For non-emergency assistance,

call: 1-714-847-1103

Section 2: Hazards Identification

Appearance; Clear Colorless Solution.

Statement of Hazard: Non-Hazardous in accordance with international standards.

Potential Acute Health Effects: Potential hazardous in case of skin contact is minimal (irritant), of eye contact (irritant). Eye contact can result in short term irritation. Skin contact can possibly produce minimal inflammation and irritation.

Potential Chronic Health Effects: Not Available.

Hazard Symbol: None

Section 3: Product Ingredients and CAS

INGREDIENT

BENZALKONIUM CHLORIDE	68424-85-1	<0.1%
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OTHER INGREDIENTS

DIAZOLIDINYL UREA	CAS NO.
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57-13-6

COCAMIDOPROPYL BETAINE	68139-30-0
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68139-30-0

COCAMIDOPROPYLAMINE OXIDE	68155-09-9
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68155-09-9

HYPROMELLOSE	9004-65-3
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9004-65-3

CETRIMONIUM CHLORIDE	112-02-7
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112-02-7

ALOE VERA	85507-69-3
DIDECYLDIMONIUM CHLORIDE	7173-51-5
PHENOXYETHANOL	122-99-6
DISODIUM LAURETH SULFOSUCCINATE	40754-59-4
ALUMINUM CHLORIDE HEXADHYDRATE	7784-13-6
TRIETHANOLAMINE	102-71-6
CITRIC ACID	77-92-9
DISTILLED AQUA	7732-18-5

Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation persists.

Skin Contact: None necessary under normal use conditions. Seek medical attention if irritation persists.

Inhalation: Seek medical attention if respiratory irritation develops.

Ingestion: No toxic effects are expected, as a precaution give 3-4 glasses of water or milk. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: OPEN CUP: 250°C (482°F).

Flammable Limits: Not available.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not known or expected.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Section 6: Accidental Release Measures

Spill: No special requirements. Water clean up and rinse. Use appropriate tools to put the spilled solution in a convenient waste disposal container.

Large Spill: Prevent entry into sewers, basements or confined areas.

Caution: Spilled material is slippery.

Section 7: Handling and Storage

Precautions: Keep away from heat. Empty containers Do not ingest. Never add water to this product. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Storage Temperature 59 – 79 °F.

Section 8: Exposure Controls/Personal Protection

Respiratory protection: None required under normal conditions in a ventilated area.

Ventilation type: Local - None.

Eye protection: Safety Goggles or glasses.

Skin protection: None required under normal conditions.

Work Hygiene practice: Cleanse hands as good hygiene dictates.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Thin Clear Solution with pleasant odor.

Odor: Aromatic.

Taste: Bitter. (Strong.)

Molecular Weight: Not available.

Color: Clear to yellowish.

pH (1% soln/water): 5.2

Boiling Point: 93°C (200°F).

Melting Point: Not available.

Critical Temperature: Not available.

Specific Gravity: 1.005 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Solubility: Easily soluble in cold water, hot water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Excess heat, dust generation, moisture, incompatible materials.

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive.

Special Remarks on Reactivity: Incompatible with nitrates, anion detergents

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

The product is intended for the external topical use in the form of a solution using the cosmetic range of ingredients

Routes of Entry: Eye, Skin, Inhalation. Ingestion.

Information on likely routes of exposure;

Eye Contact; May be irritating to eyes.

Skin: No Adverse effects due to skin contact are expected.

Inhalation: Health injuries are not known or expected under normal use.

Ingestion: Not applicable under normal conditions of use.

Symptoms related to the physical, chemical and toxicological characteristics:
There are no hazards associated with this product in normal use.

Mutagenicity: The finished product is not expected to have chronic health effects.

Reproductive: The finished product is not expected to cause reproductive or developmental effects.

Chronic effects: The finished product is not expected to have chronic health effects.

Special Remarks on Toxicity to Animals: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

Persistence and Degradability: Not available.

Mobility in general: Not available.

BOD5 and COD: Not available.

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal: Waste must be disposed of in accordance with international, federal, state and local environmental control regulations. The material and container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers may contain some product residue. Avoid dispersal of split material and runoff and contact with soil, drains, and sewers.

Section 14: Transport Information

Not regulated for transport under USDOT, EUADR, IATA, or IMDG regulations.

ICAO/IATA: Not Regulated as Dangerous Goods

IMDG: Not Regulated as Dangerous Goods

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

US Federal Regulations: This product is not known to be a "hazardous chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: j

National Fire Protection Association (U.S.A.): Health: 1

Flammability: 0

Reactivity: 0

Specific hazard: Protective Equipment:

Gloves. Synthetic apron. Vapor and dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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