

Material Safety Data Sheet

ClearZal Hard Skin Remover MSDS

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Section 1: Product and Company Identification

Product Name: ClearZal Hard Skin Remover	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
Catalog Codes: DDL 420	
Active: Urea 7%	
Active CAS#: 57-13-6	
Active EC# 200-315-5	

Section 2: Product Ingredients and CAS

INGREDIENTS	CAS NO.
ALOE BARBADENSIS (ORGANIC ALOE)	85507-69-3
UREA	57-13-6
CAPRYLIC/CAPRIC TRIGLYCERIDE	73398-61-5
SALICYLIC ACID	69-72-7
CARTHAMUS TINCTORIUS OIL	8001-23-8
STEARYL ALCOHOL	112-92-5
ALLANTOIN	97-59-6
CETYL ALCOHOL	36653-82-4
PROPANEDIOL	504-63-2
PANTHENOL	81-13-0
HYDROXYPROPYL STARCH PHOSPHATE	39346-84-4
GLYCERYL STEARATE	123-94-4
PEG-100 STEARATE	9004-99-3
CETETH-20	9004-95-9
HYDROXYETHYLCELLULOSE	9004-62-2
DISODIUM EDTA	139-33-3
ORGANIC CITRUS EXTRACT	37220-17 -0
BENZYL ALCOHOL	100-51-6
VITAMIN E	10191-41-0
DISTILLED AQUA	7732-18-5

Section 3: Hazards Identification

Potential Acute Health Effects: Potential hazardous in case of skin contact is minimal (irritant), of eye contact (irritant), of ingestion, of inhalation. Eye contact can result in short term irritation. Skin contact can possibly produce inflammation and irritation. Skin inflammation is characterized by itching, scaling, or reddening.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast.

TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Reproductive system/toxin/male [POSSIBLE]. The substance may be toxic to kidneys, liver, heart, gastrointestinal tract, cardiovascular system, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure of the eyes can produce eye irritation. Repeated skin exposure can produce local skin destruction, or dermatitis.

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.

Serious Skin Contact: In case of skin irritation, immediately flush skin with plenty of water for at least 15 minutes. 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: Slightly flammable to flammable in presence of heat.

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.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

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; dike if needed. Eliminate all ignition sources. Call for assistance on disposal.

Caution: Spilled material is slippery.

Section 7: Handling and Storage

Precautions: Keep away from heat. Keep away from sources of ignition. 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. Keep away from incompatibles such as oxidizing agents, moisture.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 23°C (73.4°F).

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

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

Ventilation type: Local - None.

Eye protection: Safety Goggles or glasses. If irritation persists obtain medical advice.

Skin protection: None required under normal conditions. If irritation persists obtain medical advice.

Work Hygiene practice: Cleanse hands as good hygiene dictates.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Creamy Lotion.

Odor: Mild Pleasant.

Taste: Bitter. (Strong.)

Molecular Weight: Not available.

Color: White.

pH (1% soln/water): 5.0

Boiling Point: 93°C (200°F).

Melting Point: Not available.

Critical Temperature: Not available.

Specific Gravity: .998 (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: No dangerous reactions known.

Corrosivity: Potential if overexposed.

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 cream.

Routes of Entry: Inhalation. Ingestion.

Eye Contact: May cause severe irritation, flush with water and seek medical advice.

Skin Irritation: If irritation occurs, cease use of product. If irritation persists, seek medical advice.

Inhalation: Seek medical advice if respiratory irritation occurs.

Carcinogenity: None

Ingestion: Give 2-4 cupfuls of milk or water. It may cause upset stomach, nausea and vomiting if large quantities are consumed. Seek medical attention.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on other Toxic Effects on Humans: Acute Potential Health Effects: Skin: Causes severe skin irritation and burns. Eyes: Causes severe eye irritation and burns. Ingestion: Harmful if swallowed. May cause severe damage to the digestive tract. Causes gastrointestinal (digestive) tract burns. May produce burning pains in the mouth, throat, and abdomen, profuse salivation. Inhalation: May cause severe irritation of the respiratory tract with sore throat, coughing, shortness of breath, and delayed lung edema. Causes chemical burns to the respiratory tract. Causes irritation of the mucous membranes.

Section 12: Ecological Information

No factors known to cause significant environmental impact.

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

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 spill material and runoff and contact with soil, drains, and sewers.

Section 14: Transport Information

Not classified as dangerous goods, therefore, no UN Number.

Suitable for shipment via air/rail/road/sea.

49CFR/DOT Classification: Class 8: Not Regulated as Dangerous Goods

ICAO/IATA: Not Regulated as Dangerous Goods

IMDG: Not Regulated as Dangerous Goods

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Classification: Class I Medical Device

Federal and State Regulations: No products were found.

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications: WHMIS (Canada):

CLASS D-1B: Material causing immediate and serious toxic effects (TOXIC).

CLASS D-2B: Material causing other toxic effects (TOXIC). CLASS E: Corrosive.

DSCL (EEC): R21/22- Harmful in contact with skin and if swallowed. R34- Causes burns. R50- Very toxic to aquatic organisms. S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28- After contact with skin, wash immediately with plenty of water. S36/37/39- Wear suitable protective clothing, gloves and eye/face protection. S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S61- Avoid release to the environment. Refer to special instructions/Safety data sheets.

Health Hazard: 1

Fire Hazard: 0

Reactivity: 1

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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