

ProEZ™ 2

Dual Enzymatic Detergent

CERTOL®
INTERNATIONAL, LLC

Providing Over 25 Years of
Infection Control

MATERIAL SAFETY DATA SHEET • MSDS # _____

ISSUE DATE: August 2005 (Supersedes November 2002) Check our website for updated MSD Sheets at www.certol.com.

Certol International, LLC urges each customer or recipient of this MSDS to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology, and fire prevention, as necessary or appropriate, to use and understand the data in this MSDS.

To promote safe handling, each customer or recipient should: (1) notify its employees, agents, contractors, and others whom it knows or believes will use this material of the information regarding hazards or safety; (2) furnish this same information to each of its customers for the product; and (3) request its customers to notify their employees, customers, and other users of the product of this information.

Emergency and First Aid Procedures

SWALLOWING: Rinse mouth and throat thoroughly with tap water. Do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Seek medical assistance immediately.

SKIN: Wash skin in flowing water or shower. If irritation persists, seek medical assistance.

INHALATION: Move to fresh air. Seek medical attention if any unusual response exhibited.

EYES: Flush with water with low pressure water for at least 15 minutes. If irritation persists, seek medical attention.

Phone: (303) 799-9401 • Emergency No.: (800) 535-5053

I. IDENTIFICATION

PRODUCT NAME: ProEZ 2 (Enzymatic Detergent)

CHEMICAL NAME: Blend.

FORMULA: N/A

MOLECULAR WEIGHT: N/A

SYNONYMS: N/A

II. HAZARDOUS INGREDIENTS

None.

III. PHYSICAL DATA

BOILING POINT: Above 100°C.

FREEZING POINT: Below 0°C.

SPECIFIC GRAVITY AT 20°C: 1.03

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

SOLUBILITY IN WATER by wt.: 100% miscible.

EVAPORATION RATE: Slower than water.

APPEARANCE: Blue (as concentrate).

ODOR: Mint.

IV. FIRE AND EXPLOSION HAZARD

FLASH POINT: N/A

FLAMMABLE LIMITS IN AIR: N/A

EXTINGUISHING MEDIA: Dry chemical, CO₂, dry foam, water spray.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear full protective gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS: May produce toxic fumes if heated to decomposition.

V. HEALTH HAZARD DATA

None.

EFFECTS OF SINGLE OVEREXPOSURE:

SWALLOWING: Can cause gastrointestinal irritation, nausea, or diarrhea.

SKIN ABSORPTION: Prolonged contact may cause irritation.

INHALATION: None known.

SKIN CONTACT: Prolonged contact may cause irritation.

EYE CONTACT: Can cause irritation.

EFFECTS OF REPEATED OVEREXPOSURE: None known.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:
None known.

SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH HAZARD EVALUATION: None known.

OTHER EFFECTS OF OVEREXPOSURE: None known.

VI. REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: High temperatures.

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with strong oxidizing agents, strong acids, and strong alkalies.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: May emit carbon oxides and nitrous oxides.

HAZARDOUS POLYMERIZATION: None.

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Absorb spill with dry absorbent. Wash down with soap and water.

WASTE DISPOSAL METHOD:

Dispose of in accordance with local and state regulations, product is biodegradable.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): None.

PROTECTIVE GLOVES: Chemical resistant gloves.

EYE PROTECTION: Safety goggles required.

OTHER PROTECTIVE EQUIPMENT: None.

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep in a cool place, below 45°C. Keep out of reach of children.

OTHER PRECAUTIONS: Avoid splashing.

X. REGULATORY INFORMATION

STATUS ON SUBSTANCE LISTS: Noncarcinogen.

FEDERAL EPA

STATE RIGHT-TO-KNOW

XI. TRANSPORTATION DATA

D.O.T. none.

Do not store above 45°C

CHEMICAL WARNING LABELS

Chemical warning labels are required on all containers, tubs, and bottles which are filled or refilled with potentially hazardous substances from an original, manufacturer-labeled container.

The following hazard ratings correspond to the NFPA Rating System.

Below is a sample of a chemical warning label, which reflects chemical information for **ProEZ 2**. It clearly communicates what each hazard means – no wall reference chart is necessary.

NFPA HAZARD RATING	
HEALTH: 1 Caution – can be irritating.	4 - Extreme 3 - High 2 - Moderate 1 - Slight 0 - Insignificant
FLAMMABILITY: 0 Will not burn.	
REACTIVITY: 0 Stable – does not react with water.	

Product Name: ProEZ 2 Hazardous chemical(s): None	
Route of Entry: <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/> Skin/Eye Absorption	
Target Organ Effects: <input type="checkbox"/> Respiratory <input type="checkbox"/> Prostate <input type="checkbox"/> Heart <input type="checkbox"/> Blood <input type="checkbox"/> Kidney <input type="checkbox"/> Liver <input type="checkbox"/> Eyes <input type="checkbox"/> CNS <input type="checkbox"/> Skin <input type="checkbox"/> Other: _____	
Personal Protection: Gloves, Goggles MSDS#: _____	
Health Hazard <input checked="" type="checkbox"/> Irritant <input type="checkbox"/> Carcinogen <input type="checkbox"/> Toxic <input type="checkbox"/> Sensitizer <input type="checkbox"/> Normal Material	Fire Hazard <small>Flash Points</small> <input type="checkbox"/> Below 73°F <input type="checkbox"/> Below 100°F <input type="checkbox"/> Above 100°F, Not exceeding 200°F <input type="checkbox"/> Above 200°F <input checked="" type="checkbox"/> Will Not Burn
Physical Hazard <input type="checkbox"/> Oxidizer <input type="checkbox"/> Acid <input type="checkbox"/> Alkali <input type="checkbox"/> Corrosive <input type="checkbox"/> Use NO Water <input type="checkbox"/> Radioactive	Reactivity <input type="checkbox"/> May Detonate <input type="checkbox"/> Shock and Heat May Detonate <input type="checkbox"/> Violent Chemical Change <input type="checkbox"/> Unstable if Heated <input checked="" type="checkbox"/> Stable