

# Material Safety Data Sheet

## ProEZ foam™ Foaming Enzymatic Spray

Product Number Prefix: PREZF

**Certol**<sup>®</sup>  
International

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Certol International, LLC urges each recipient of the MSDS to read it carefully to 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 needed to understand the data in the MSDS.

To promote safe handling, each recipient of the MSDS should: (1) notify anyone using the material of the MSDS information regarding hazards or safety; (2) furnish the MSDS information to customers purchasing the product; and (3) request the customers furnish MSDS information to all users.

### Emergency and First Aid Procedures

**Swallowing:** Rinse mouth and throat thoroughly with tap water. Drink large amounts of water. DO NOT induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Seek medical attention immediately.

**Skin Contact:** Wash skin with flowing water or shower. If irritation persists, seek medical attention.

**Inhalation:** Remove the affected victim from exposure. Administer artificial respiration if breathing stopped. Seek medical attention immediately.

**Eye Contact:** Flush eyes with water for 15 minutes. If irritation persists, seek medical attention.

#### 1. Identification

**Product Name:** ProEZ foam

**Chemical Name:** Blend

#### 2. Hazards

PRINCIPAL HAZARDOUS COMPONENTS	CAS #
Enzyme Protease	9014-01-1
Enzyme Amylase	9000-90-2

#### 3. Physical Data

**Appearance:** Blue viscous solution

**Odor:** Fresh

**Solubility In Water by Wt.:** 100% soluble

**Boiling Point:** Above 212°F (100°C)

**Freezing Point:** Below 23°F (-5°C)

**Vapor Density:** (Air = 1) < 1

**Evaporation Rate (Bu Ac = 1):** > 1

**Specific Gravity (H<sub>2</sub>O = 1):** 1.04 @ 68° F (20°C)

**pH:** 7.4 - 8.0

#### 4. Fire and Explosion Hazard

**Flash Point:** Not flammable

**Flammable Limits In Air:** N/A

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective equipment.

**Unusual Fire and Explosion Hazards:** None

**Extinguishing Media:** No special requirements

#### 5. Health Hazard Data

COMPONENT	OSHA/PEL	ACGIH/TLV	Others
Enzyme Protease	Not established	0.000006 mg/m <sup>3</sup> (As 100% pure enzyme protease)	None
Enzyme Amylase	Not established	Not Established	None

#### Effect of Overexposure:

**Swallowing:** May cause mild nausea

**Skin Contact:** May cause mild irritation

**Inhalation:** May cause mild irritation

**Eye Contact:** May cause irritation

## 6. Reactivity Data

**Stability:** Stable at normal conditions

**Conditions To Avoid:** Avoid exposure to temperatures above 122°F (50°C).

**Incompatibility (Materials To Avoid):** Avoid strong acids, oxidizers, and alkalis.

**Hazardous Combustion or Decomposition**

**Products:** None known at normal conditions

**Hazardous Polymerization:** Will not occur

## 7. Spill, Leak, and Waste Disposal Procedures

**Steps To Be Taken If Material Is Released or**

**Spilled:** Absorb on clay, sawdust or other absorbent. Thoroughly rinse area with water. CAUTION: Spill area may be slippery.

**Waste Disposal Method:** Dispose according to all local, state, and federal regulations.

## 8. Handling and Storage

Store in a closed container, in a cool, dry, well-ventilated place away from incompatible materials. Keep out of reach of children.

## 9. Special Protection Information

**Respiratory Protection:** Not normally required.

A mask or respirator may be used if vapor concentration is high.

**Ventilation:** Local exhaust or normal facility ventilation

**Protective Gloves:** Water resistant gloves

**Eye Protection:** Safety goggles/face shield

**Protective Clothing:** Where contact may occur, wear protective clothing.

**Other Protective Equipment:** An eyewash station should be nearby and ready for use.

## 10. Regulation Information

**Status On Substance List:** None known

**Federal EPA:** None

**State Right-To-Know:** None known

**IARC:** None known

**NTP:** None known

**OSHA:** None known

## 11. Transportation Data

**Proper Shipping Name:** None

**D.O.T.:** Unregulated commodity

### CHEMICAL WARNING LABELS

Required on containers, tubs, and bottles, which are filled from original containers with potentially hazardous substances.

#### Chemical Warning Label - Certol International

ProEZ foam™

No wall reference is necessary

**Product Name:** ProEZ foam™

**Hazardous Chemicals:** Enzyme protease, enzyme amylase

**Personal Protection:** Gloves, goggles/face shield

Hazard rating corresponding to the NFPA Rating System.

**4 - Extreme**  
**3 - High**  
**2 - Moderate**  
**1 - Slight**  
**0 - Insignificant**

#### NFPA HAZARD RATING

**HEALTH: 1**

**FLAMMABILITY: 0**

**REACTIVITY: 0**

<u>ROUTE OF ENTRY</u>	<u>HEALTH HAZARD</u>	<u>FIRE HAZARD</u>
<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Irritant	<input type="checkbox"/> Below 73°F (23°C)
<input checked="" type="checkbox"/> Ingestion	<input type="checkbox"/> Carcinogen	<input type="checkbox"/> Below 100°F (38°C)
<input checked="" type="checkbox"/> Skin/eye absorption	<input type="checkbox"/> Toxic	<input type="checkbox"/> Above 100°F (38°C) & not > 200°F (93°C)
	<input type="checkbox"/> Sensitizer	<input type="checkbox"/> Above 200°F (93°C)
	<input type="checkbox"/> Normal Material	<input checked="" type="checkbox"/> Will not burn
<u>TARGET ORGAN</u>	<u>PHYSICAL HAZARD</u>	<u>REACTIVITY</u>
<input checked="" type="checkbox"/> Respiratory	<input type="checkbox"/> Oxidizer	<input type="checkbox"/> May detonate
<input type="checkbox"/> Heart	<input type="checkbox"/> Acid	<input type="checkbox"/> Shock and heat may detonate
<input type="checkbox"/> Kidney	<input type="checkbox"/> Alkali	<input type="checkbox"/> Violent chemical change
<input checked="" type="checkbox"/> Eyes	<input type="checkbox"/> Corrosive	<input checked="" type="checkbox"/> Unstable if heated
<input checked="" type="checkbox"/> Skin	<input type="checkbox"/> Use no water	<input type="checkbox"/> Stable
<input type="checkbox"/> Prostate	<input type="checkbox"/> Radioactive	
<input type="checkbox"/> Blood		
<input type="checkbox"/> Liver		
<input type="checkbox"/> CNS		
<input type="checkbox"/> Other		

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