

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

072264471

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

072264109

**Issue Date** January 2012

**Revision Date** July 2013

**Version** 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** ProEZ 2™

### Other Means of Identification

**SDS #** PREZ/SDS/I01

### Product Code

PREZ

### Recommended Use of the Chemical and Restrictions on Use

**Recommended Use** Cleaning Agent.

### Details of the Supplier of the Safety Data Sheet

**Supplier Address** Certol International, LLC.  
6120 East 58th Avenue  
Commerce City, Colorado 80022  
[www.Certol.com](http://www.Certol.com)

### Emergency Telephone Number

#### **Company Phone Number(s)**

Phone: 303-799-9401  
Toll-Free: 1-800-843-3343  
Fax: 303-799-9408

#### **24 Hour Emergency Telephone**

INFOTRAC: 1-800-535-5053 (North America)  
INFOTRAC: 1-352-323-3500 (International)

## 2. HAZARDS IDENTIFICATION

### Classification

Causes eye irritation

Category 2B

### Signal Word

Warning.

### Hazard Statements

Causes eye irritation.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.

### Appearance

Blue Clear Liquid.

### Physical State

Liquid.

### Odor

Fresh.

## 2. HAZARDS IDENTIFICATION (continued)



### Precautionary Statements-Prevention

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Use personal protective equipment as required.  
Use only in a well-ventilated area.  
Wear protective gloves.  
Do not breathe dust/fume/gas/mist/vapors/spray.

### Precautionary Statements-Response

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a Poison Control Center or doctor/physician.

**IF SWALLOWED:** Immediately call a Poison Control Center or doctor/physician.  
Rinse mouth.

**IF EXPOSED:** Call a Poison Control Center or doctor/physician.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Control Center or doctor/physician.

**IF ON SKIN (or hair):** Remove/Take off immediately all contaminated clothing.  
Rinse skin with water/shower. Wash contaminated clothing before reuse.

**IF SKIN IRRITATION OR RASH OCCUR:** Get medical advice/attention. Call a Poison Control Center or doctor/physician if you feel unwell.

### Precautionary Statements - Storage

Store in a closed container, in a cool, dry well-ventilated place away from incompatible materials.  
Do not store above 86°F (30°C).

**Keep out of the reach of children and pets.**

### Precautionary Statements - Disposal

Dispose according to all local, state and federal regulations.

### Hazards not otherwise classified (HNOC)

Causes mild skin irritation.

### Other Information

Toxic to aquatic life.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Subtilisin (Protease)	9014-01-1	*
Triethanolamine	102-71-6	*

\*The exact percentage is a trade secret.

### 4. FIRST AID MEASURES

#### First Aid Measures

<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Call a physician or Poison Control Center immediately.
<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call physician immediately.
<b>Ingestion</b>	Rinse mouth. Drink large amounts of water. Never give anything by mouth to a person who is unconscious or convulsing. Call a physician or Poison Control Center immediately.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. Call a physician if you feel unwell.

#### Most Important Symptoms and Effects, both Acute and Delayed

<b>Symptoms</b>	Skin contact can lead to drying, itching, stinging and irritation. Exposed individuals may experience eye tearing, redness and discomfort.
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#### Indication of any Immediate Medical Attention and Special Treatment Needed

<b>Note to Physicians</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use water, CO<sub>2</sub>, dry chemical or foam for extinction.

#### Unsuitable Extinguishing Media

Not Determined.

#### Specific Hazards Arising from the Chemical

Not Determined.

#### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

#### **Personal Precautions**

Use personal protective equipment as required.

#### **For Emergency Responders**

Restrict access to spill area. Ventilate the area.

#### **Environmental Precautions**

Prevent entry into waterways, sewers, basements or confined areas.

See Section 12 for additional ecological information.

### Methods and Material for Containment and Cleaning Up

#### **Methods for Containment**

Prevent further leakage or spillage if safe to do so.

#### **Methods for Cleaning Up**

Flush small spills with water. Dike to collect large liquid spills.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

#### **Advice on Safe Handling**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Use personal protection recommended in Section 8.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only in well-ventilated areas.

Do not breathe dust/fumes/gas/mist/vapors/spray.

Do not store above 86°F (30°C).

**Keep out of the reach of children and pets.**

### Conditions for Safe Storage, Including any Incompatibilities

#### **Storage Conditions**

Store in a closed container in a dry, cool and well-ventilated place away from incompatible materials.

Do not store above 86°F (30°C).

**Keep out of the reach of children and pets.**

#### **Incompatible Materials**

Avoid contact with strong acids, oxidizers and alkalis.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Subtilisin (Protease) 9014-01-1	Ceiling: 0.00006 mg/m <sup>3</sup>	(vacated) STEL: 0.00006 mg/m <sup>3</sup> 60 min.	STEL: 0.00006 mg/m <sup>3</sup> 60 min.
Triethanolamine 102-71-6	TWA: 5mg/m <sup>3</sup>	N/A	N/A

### Appropriate Engineering Controls

#### Engineering Controls

Apply technical measures to comply with the occupational exposure limits.  
Eyewash stations.

### Individual Protection Measures, such as Personal Protective Equipment

#### Eye/Face Protection

Wear goggles, chemical safety glasses or a face protection shield.

#### Skin and Body Protection

Chemical resistant, impermeable gloves.  
Wear appropriate clothing to prevent repeated or prolonged skin contact.

#### Respiratory Protection

Under normal conditions a respirator is not normally required.  
A mask or respirator may be used if vapor concentration is high.

#### General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practices.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	Liquid.
Appearance	Blue Clear Liquid.
Color	Blue.
Odor	Fresh.

<u>Property</u>	<u>Values</u>	<u>Remarks * Method</u>
pH	7.4 - 8.3	68°F (20°C)
Melting Point / Freezing Point	< 23°F / < -5°C	
Boiling Point / Boiling Range	212°F / 100°C	(Approximate)
Flash Point	Not Flammable.	
Evaporation Rate	< 1	(Butyl acetate = 1) (Approximate)
Flammability (Solid/Gas)	N/A-Liquid.	
Flammability Limits In Air	Not Flammable.	
Vapor Pressure	Not Determined.	
Vapor Density	> 1	(Air = 1) (Approximate)
Specific Gravity	1.07 g/cc	68°F (20°C) (Water = 1)
Water Solubility	Completely Soluble.	
Partition Coefficient	See Section 12.	
Autoignition Temperature	Not Flammable.	
Decomposition Temperature	Not Determined.	
Kinematic Viscosity	Not Determined.	
Dynamic Viscosity	Not Determined.	
Explosive Properties	Not Explosive.	
Oxidizing Properties	Not Determined.	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Hazardous Polymerization

Hazardous polymerization will not occur.

### Conditions to Avoid

None under normal processing.

### Incompatible Materials

Avoid contact with strong acids, oxidizers and alkalis.

### Hazardous Decomposition Products

None known.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Product Information

**Inhalation** Avoid breathing vapors or mists.

**Eye Contact** Causes eye irritation.

**Skin Contact** Causes mild skin irritation.

**Ingestion** Do not taste or swallow.

#### Component Information

Chemical Name	Oral LD <sub>50</sub>	Dermal LD <sub>50</sub>	Inhalation LC <sub>50</sub>
Subtilisin (Protease) 9014-01-1	3700 mg/kg ( Rat )	N/A	N/A
Triethanolamine 102-71-6	4190 mg/kg ( Rat )	16 ml/kg ( Rat )	N/A

### Information on Physical, Chemical and Toxicological Effects

#### Symptoms

Please see section 4 of this SDS for symptoms.

### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

**Sensitization** May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Chemical Name	ACGIH	IARC	NTP	OSHA
Triethanolamine 102-71-6	N/A	Group 3	N/A	N/A

#### **IARC (International Agency for Research on Cancer)**

Group 3 - Not Carcinogenic to Humans

### STOT - Single Exposure

Not Determined.

### STOT - repeated exposure

Not Determined.

### Numerical Measures of Toxicity

Not Determined.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Toxic to aquatic organisms.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Benzotriazole 95-14-7	Known Toxin	Known Toxin	No Information	Known Toxin
Triethanolamine 102-71-6	Known Toxin	Known Toxin	No Information	Known Toxin

### **Persistence and Degradability**

Not Determined.

### **Bioaccumulation**

Not Determined.

### **Mobility**

Not Determined.

Chemical Name	Partition Coefficient
Triethanolamine 102-71-6	-1.00

### **Other Adverse Effects**

Not Determined.

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

#### **Disposal of Wastes**

Dispose according to all local, state and federal regulations.

#### **Contaminated Packaging**

Dispose according to all local, state and federal regulations.

Chemical Name	California Hazardous Waste Status
Borax 1303-96-4	Toxic

## 14. TRANSPORT INFORMATION

### Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not Regulated.

**IATA** Not Regulated.

**IMDG** Not Regulated.

## 15. REGULATORY INFORMATION

### International Inventories

Not Determined.

#### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/  
European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

### US Federal Regulations

#### SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

#### SARA 311/312 Hazard Categories

This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 311/312.

### US State Regulations

#### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Propylene Glycol 57-55-6	X	N/A	X
Benzotriazole 95-14-7	N/A	X	N/A
Triethanolamine 102-71-6	X	X	X
Borax 1303-96-4	X	X	X

## 16. OTHER INFORMATION

### NFPA

**Health Hazards**  
1

**Flammability**  
0

**Instability**  
0

**Special Hazards**  
Not Determined.

### HMIS

**Health Hazards**  
Not Determined.

**Flammability**  
Not Determined.

**Physical Hazards**  
Not Determined.

**Personal Protection**  
Not Determined.

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### Disclaimer

The information contained herein is furnished without warranty or legal responsibility of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

End of Safety Data Sheet