

## **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

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

Product Name ProEZ 2™

### Other Means of Identification

SDS # PREZ/SDS/102

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)  
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.

### Physical & Chemical Hazards:

Causes eye irritation.

### Health Hazards:

Not Determined.

### Environmental Hazards:

Not Determined.

### GHS Label Element

#### Hazard Statements

H320

Causes eye irritation.

#### Precautionary Statements:

##### Prevention

P202

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

P280

Wear protective gloves, eye protection.

##### Response

P314

Get medical advice/attention if you feel unwell.

##### Storage

P411

Store at temperatures not exceeding 86°F (30°C).

##### Disposal

P501

Dispose according to all local, state and federal regulations.

### Hazard(s) not otherwise classified (HNOC):

None known.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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

\*The exact percentage is a trade secret.

#### 4. FIRST AID MEASURES

<b><u>Inhalation</u></b>	Move to fresh air and keep at rest in a comfortable position for breathing. If not breathing, give artificial respiration. Consult a physician.
<b><u>Eye Contact</u></b>	Immediately flush with plenty of water. Remove any contact lenses, continue flushing for several minutes and call physician immediately.
<b><u>Ingestion</u></b>	Do NOT induce vomiting. Never give anything by mouth to a person who is unconscious. Call a physician or Poison Control Center.
<b><u>Skin Contact</u></b>	Wash off immediately with plenty of water for several minutes. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
<b><u>Symptoms</u></b>	Skin contact can lead to drying, itching, stinging and irritation. Exposed individuals may experience eye tearing, redness and discomfort.
<b><u>Note to Physician</u></b>	Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

<b><u>Suitable Extinguishing Media</u></b>	Use water, CO <sub>2</sub> , dry chemical or foam to extinguish.
<b><u>Unsuitable Extinguishing Media</u></b>	Not Determined.
<b><u>Specific Hazards Arising from the Chemical</u></b>	Not Determined.
<b><u>Protective Equipment and Precautions for Firefighters</u></b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

<b><u>Personal Precautions, Protective Equipment and Emergency Procedures</u></b>	
<b><u>Personal Precautions</u></b>	Use personal protective equipment as required.
<b><u>For Emergency Responders</u></b>	Restrict access to spill area. Ventilate the area.
<b><u>Environmental Precautions</u></b>	Prevent entry into waterways, sewers, basements or confined areas.
<b><u>Methods and Material for Containment and Cleaning Up</u></b>	
<b><u>Methods for Containment</u></b>	Prevent further leakage or spillage if safe to do so.
<b><u>Methods for Cleaning Up</u></b>	Flush small spills with water. Dike to collect large liquid spills.

#### 7. HANDLING AND STORAGE

<b><u>Precautions for Safe Handling</u></b>	
<b><u>Advice on Safe Handling</u></b>	Obtain special instructions before use. Read and understand all safety precautions prior to use. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only in well-ventilated areas. Keep out of reach of children and pets.
<b><u>Conditions for Safe Storage, Including any Incompatibilities</u></b>	
<b><u>Storage Conditions</u></b>	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).
<b><u>Incompatible Materials</u></b>	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>	N/A	STEL: 0.00006 mg/m <sup>3</sup> 60 min.

##### **Exposure Guidelines**

##### **Appropriate Engineering Controls**

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

##### **Eye/Face Protection**

##### **Skin and Body Protection**

##### **Respiratory Protection**

##### **General Hygiene Considerations**

See above occupational exposure limits.  
Ensure adequate ventilation. Eyewash stations.

Wear goggles, chemical safety glasses or a face protection shield.  
Chemical resistant, non-latex and impermeable gloves.  
Wear appropriate clothing to prevent prolonged skin contact.  
Under normal conditions a respirator is not normally required.  
A mask or respirator may be used if vapor concentration is high.  
Handle 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.
Property		Values	Property		Values		
pH		7.4 - 8.3 (77°F/25°C)	Specific Gravity		1.07 g/cc (60°F/15.5°C)		
Melting Point / Freezing Point		< 23°F / < -5°C	Water Solubility		Completely Soluble		
Boiling Point / Boiling Range		212°F / 100°C	Partition Coefficient		Not Determined		
Flash Point		Not Flammable	Autoignition Temperature		Not Flammable		
Evaporation Rate		< 1	Decomposition Temperature		Not Determined		
Flammability (Solid/Gas)		N/A-Liquid	Kinematic Viscosity		Not Determined		
Flammability Limits In Air		Not Flammable	Dynamic Viscosity		Not Determined		
Vapor Pressure		Not Determined	Explosive Properties		Not Explosive		
Vapor Density		> 1	Oxidizing Properties		Not Determined		

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Not reactive under normal conditions.
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Hazardous Polymerization</b>	Hazardous polymerization will not occur.
<b>Conditions to Avoid</b>	None under normal processing.
<b>Incompatible Materials</b>	Avoid contact with strong acids, oxidizers and alkalis.
<b>Hazardous Decomposition Products</b>	None known.

## 11. TOXICOLOGICAL INFORMATION

<b>Routes of Exposure</b>	Eye. Skin contact. Inhalation. Ingestion.
<b>Information on Likely Routes of Exposure</b>	
<b>Ingestion</b>	Do not taste or swallow.
<b>Inhalation</b>	Avoid breathing vapors or mists. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
<b>Skin Contact</b>	Causes mild skin irritation.
<b>Eye Contact</b>	Causes eye irritation.

### Component Information

Chemical Name	Oral LD <sub>50</sub>	Dermal LD <sub>50</sub>	Inhalation LC <sub>50</sub>
Subtilisin (Protease) 9014-01-1	1800 mg/kg (Rat)	N/A	N/A

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

<b>Carcinogenicity</b>	This product as a whole has not been tested.
<b>Numerical Measures of Toxicity</b>	Not Determined.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
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Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Subtilisin (Protease) 9014-01-1	Not Determined	Not Determined	Not Determined	Not Determined

<b>Persistence and Degradability</b>	Not Determined.
<b>Bioaccumulation</b>	Not Determined.
<b>Mobility</b>	Not Determined.
<b>Other Adverse Effects</b>	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 Decahydrate 1303-96-4	Toxic

**14. TRANSPORT INFORMATION****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	X	X	X
Triethanolamine 102-71-6	X	X	X
Borax Decahydrate 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.

**Issue Date**

July 2013.

**Revision Date**

November 2016.

**Revision Note**

New format.

**Disclaimer**

This Safety Data Sheet was prepared to comply with the current OSHA hazard Communication Standard adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). 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