

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name ProEZ 1™

Other Means of Identification

SDS # EZ/SDS/102

Product Code EZ

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
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

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

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use water, CO ₂ , dry chemical or foam to extinguish.
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.
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. 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.
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).
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 ³	N/A	STEL: 0.00006 mg/m ³ 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	Green Clear Liquid.	Color	Green.	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

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

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

Component Information

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

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

Carcinogenicity	The product as a whole has not been tested.
Numerical Measures of Toxicity	Not Determined.

12. ECOLOGICAL INFORMATION

Ecotoxicity An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Subtilisin (Protease) 9014-01-1	Not Determined	Not Determined	Not Determined	Not Determined

Persistence and Degradability	Not Determined.
Bioaccumulation	Not Determined.
Mobility	Not Determined.
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 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/NDSL - 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