SAFETY DATA SHEET

Issue Date April 2017
Revision Date September 2019 **Version** 4

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name ProEZ SCD™

Other Means of Identification

SDS # EZSCD/SDS/I04

Product Code EZSCD

Recommended Use of the Chemical and Restrictions on Use

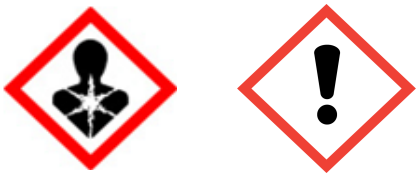
Recommended Use Super Concentrate Cleaning Agent.

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

Respiratory Sensitization	Category 1
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2B

Signal Word Danger.

Physical & Chemical Hazards: None.

Health Hazards: May be harmful in contact with skin.
Causes skin irritation.
Causes eye irritation.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Environmental Hazards: See section 12.

GHS Label Element

Hazard Statements

H313	May be harmful in contact with skin.
H315	Causes skin irritation.
H320	Causes eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary Statements:

Prevention	P201	Obtain special instructions before use.
	P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
	P280	Wear protective gloves, protective clothing, eye protection and face protection.
Response	P314	Get medical advice/attention if you feel unwell.
	P370	In case of fire, use CO_2, dry chemical or foam to extinguish.
Storage	P402	Store in a dry place.
	P403	Store in a well-ventilated place.
	P411	Do not store above 86°F (30°C).
Disposal	P501	Dispose according to all local, state and federal regulations.

Hazard(s) 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	*
Boric Acid	10043-35-3	*
Triethanolamine	102-71-6	*
Glycerol	56-81-5	*

* 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 Causes skin irritation. Inhalation may cause respiratory sensitization. Causes eye irritation.

Note to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media — Use CO_2, dry chemical or foam to extinguish.

Unsuitable Extinguishing Media — Not Determined.

Specific Hazards Arising from the Chemical — Not Flammable.

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.

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

Wash thoroughly after handling.

Use only in well-ventilated areas.

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

Keep out of reach of children and pets.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions — Keep container tightly closed and store in a closed container in a cool, dry, 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.
Boric Acid 10043-35-3	STEL: 6 mg/m^3 inhalable fraction. TWA: 2 mg/m^3 inhalable fraction	N/A	N/A
Triethanolamine 102-71-6	TWA: 5mg/m^3	N/A	N/A
Glycerol 56-81-5	TWA: 10 mg/m^3 mist	TWA: 15 mg/m^3 mist, total Particulate TWA: 15 mg/m^3 mist, respirable fraction (Vacated) TWA: 10 mg/m^3 mist, total Particulate (Vacated) TWA: 5 mg/m^3 mist, respirable fraction	N/A

Exposure Guidelines — See above occupational exposure limits.

Appropriate Engineering Controls — 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, non-latex and 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**	Yellow Clear Liquid.	**Color**	Yellow.	**Odor**	Fresh.

Property	Values	Property	Values
pH	7.5 - 8.5 (77°F / 25°C)	**Specific Gravity**	1.062 (60°F / 15.5°C)
Melting Point / Freezing Point	< 17.6°F / < -8°C	**Water Solubility**	Completely Soluble.
Boiling Point / Boiling Range	217°F / 102.7°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 Determined.	**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 Contact. Skin Contact. Inhalation. Ingestion.

Information on Likely Routes of Exposure

Ingestion Do not taste or swallow.

Inhalation Avoid breathing vapors and mists.

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
Glycerol 56-81-5	12600 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	> 570 mg/m^3
Boric Acid 10043-35-3	2660 mg/kg (Rat)	2000 mg/kg (Rabbit)	> 0.16 mg/L (Rat) 4 hr.
Triethanolamine 102-71-6	5000 mg/kg (Rat)	2000 mg/kg (Rabbit)	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.

Chemical Name	ACGIH	IARC	NTP	OSHA
Triethanolamine 102-71-6	N/A	Group 3	N/A	N/A
Boric Acid 10043-35-3	A4	N/A	N/A	N/A

ACGIH (The American Conference of Governmental Industrial Hygienists)

A4 - Not Classifiable as a Human Carcinogen.

IARC (International Agency for Research on Cancer)

Group 3 - Not Carcinogenic to Humans.

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

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
Boric Acid 10043-35-3	No Information	Known Toxin	No Information	Known Toxin
Glycerol 56-81-5	No Information	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

Chemical Name	Partition Coefficient
Boric Acid 10043-35-3	0.175
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
Boric Acid 10043-35-3	Toxic
Sodium Tetraborate Decahydrate 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/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 302

This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III. Section 302.

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.

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.

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
Glycerol 56-81-5	X	X	X
Triethanolamine 102-71-6	X	X	X
Sodium Tetraborate Decahydrate 1303-96-4	X	X	X

16. OTHER INFORMATION

NFPA

Health Hazards	Flammability	Instability	Special Hazards
1	0	0	Not Determined.

HMIS

Health Hazards	Flammability	Physical Hazards	Personal Protection
Not Determined.	Not Determined.	Not Determined.	Not Determined.

Issue Date April 2017

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Revision Note

Disclaimer

This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard adoption of the Globally Harmonized System of Classifcation 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