

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name ProEZ AW Quad™

Other Means of Identification

SDS # PREZAW/SDS/I02

Product Code PREZAW

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.

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

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

5. FIRE-FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

| | |
|--|--|
| <u>Precautions for Safe Handling</u> | |
| <u>Advice on Safe Handling</u> | 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. |
| <u>Conditions for Safe Storage, Including any Incompatibilities</u> | |
| <u>Storage Conditions</u> | 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). |
| <u>Incompatible Materials</u> | 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 | Blue Clear Liquid. | Color | Blue. | Odor | Fresh. |
|--------------------------------|-----------------------|---------------------------|-------------------------|-------|-------|------|--------|
| Property | Values | Property | Values | | | | |
| pH | 7.8 - 8.3 (77°F/25°C) | Specific Gravity | 1.05 g/cc (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 Flammable | Dynamic Viscosity | Not Determined | | | | |
| Vapor Pressure | Not Determined | Explosive Properties | Not Explosive | | | | |
| Vapor Density | > 1 | Oxidizing Properties | Not Determined | | | | |

10. STABILITY AND REACTIVITY

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|---|---|
| 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 |
|--------------------------------|-----------------------------------|
| Boric Acid 10043-35-3 | Toxic |
| 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 |
| Glycerol 56-81-5 | 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

October 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