



SAFETY DATA SHEET ProEZ AW Quad™

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200.

1. Identification

Product identifier

Product name ProEZ AW Quad™

Product number PREZAW128, PREZAWP, PREZAW150, PREZAW275, PREZAW300, PREZAW550, PREZAWNP128, PREZAW050, QEZ2

Recommended use of the chemical and restrictions on use

Application Cleaning agent.

Details of the supplier of the safety data sheet

Manufacturer MICROCARE, LLC
6120 E 58th Ave
Commerce City, CO 80022
United State of America
www.microcare.com/certol
Tel: +1 303 799 9401 Toll Free +1 800 843 3343

Emergency telephone number

Emergency telephone INFOTRAC 1-800-535-5053 (U.S.A. and CANADA)
1-352-323-3500 (from anywhere in the world)

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Resp. Sens. 1 - H334 Repr. 1B - H360FD

Environmental hazards Not Classified

Label elements

Hazard symbols



Signal word Danger

Hazard statements H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H360FD May damage fertility. May damage the unborn child.

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Precautionary statements	P201 Obtain special instructions before use.
	P202 Do not handle until all safety precautions have been read and understood.
	P261 Avoid breathing vapor/ spray.
	P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
	P284 In case of inadequate ventilation wear respiratory protection.
	P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.
	P308+P313 If exposed or concerned: Get medical advice/ attention.
	P342+P311 If experiencing respiratory symptoms: Call a poison center/ doctor.
P405 Store locked up.	
P501 Dispose of contents/ container in accordance with national regulations.	

Contains Borax, Subtilisin, Alpha Amylase, Boric Acid

3. Composition/information on ingredients

Mixtures

Borax Decahydrate	<3%
CAS number: 1303-96-4	
Subtilisin	<3%
CAS number: 9014-01-1	
Alpha Amylase	<3%
CAS number: 9000-90-2	
Boric Acid	<3%
CAS number: 10043-35-3	

Composition

4. First-aid measures

Description of first aid measures

Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues. If in doubt, get medical attention promptly.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Call a doctor or Poison Control Center immediately.
Skin Contact	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Wash clothing and clean shoes thoroughly before reuse. Get medical attention if any discomfort continues. Get medical attention if symptoms are severe or persist.
Eye contact	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists after washing. If in doubt, get medical attention promptly.

Most important symptoms and effects, both acute and delayed

Skin contact	Skin contact can lead to drying, itching, stinging, and irritation.
Eye contact	Exposed individuals may experience eye tearing, redness, and discomfort.

Indication of immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

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5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Water spray, foam, dry powder or carbon dioxide.

Unsuitable extinguishing media None known.

Special hazards arising from the substance or mixture

Specific hazards Not known.

Advice for firefighters

Protective actions during firefighting 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 For personal protection, see Section 8.

For non-emergency personnel Restrict access to spill area. Ventilate area.

Environmental precautions

Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses.

Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if safe to do so. Small quantities may be flushed to drains with plenty of water. Dike to collect large liquid spills.

7. Handling and storage

Precautions for safe handling

Usage precautions For personal protection, see Section 8. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only in well-ventilated areas. Keep out of the reach of children.

Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10). Store at temperatures not exceeding 30°C/86°F.

8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

Propylene Glycol

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³

Borax Decahydrate

Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m³ dust, inhalable fraction

Short-term exposure limit (15-minute): ACGIH 6 mg/m³ dust, inhalable fraction

A4

Triethanolamine

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m³

Subtilisin

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Ceiling exposure limit: ACGIH 0.00006 mg/m³
as crystalline active enzyme

Boric Acid

Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m³ dust, inhalable fraction

Short-term exposure limit (15-minute): ACGIH 6 mg/m³ dust, inhalable fraction

A4

Diethanolamine

Long-term exposure limit (8-hour TWA): ACGIH 1 mg/m³ inhalable fraction and vapor

Diphenyl Ether

Long-term exposure limit (8-hour TWA): ACGIH 1 ppm vapor

Short-term exposure limit (15-minute): ACGIH 2 ppm vapor

Long-term exposure limit (8-hour TWA): OSHA 1 ppm 7 mg/m³ vapor

WEL = Workplace Exposure Limit.

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

OSHA = Occupational Safety and Health Administration.

Exposure controls

Appropriate engineering controls	Provide adequate ventilation. Provide eyewash station.
Personal protection	Handle in accordance with good industrial hygiene and safety practices.
Eye/face protection	Chemical splash goggles or face shield.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Other skin and body protection	Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.
Respiratory protection	No specific requirements are anticipated under normal conditions of use. A mask or respirator may be used if vapor concentration is high.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Blue-green.
Odor	Characteristic.
pH	pH (concentrated solution): 7.4-8.5
Melting point	-8°C/-17.6°F
Initial boiling point and range	102.7°C/217°F
Flash point	The product is not flammable.
Evaporation rate	< 1
Flammability (solid, gas)	N/A-liquid
Vapor pressure	No specific test data are available.
Vapor density	> 1
Relative density	1.05 @ 15.5°C/60°F
Solubility(ies)	Completely soluble in water.

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Partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not available.
Explosive properties	Not considered to be explosive.
Oxidizing properties	Not available.

10. Stability and reactivity

Reactivity	Not reactive under normal conditions.
Stability	Stable under the prescribed storage conditions.
Possibility of hazardous reactions	None known.
Conditions to avoid	Stable under the prescribed storage conditions.
Materials to avoid	Strong acids. Oxidizing agents. Alkalis.
Hazardous decomposition products	None known.

11. Toxicological information

Information on toxicological effects

Respiratory sensitization

Respiratory sensitization May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Toxicological information on ingredients.

Glycerin

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 27,200.0

Species Rat

ATE oral (mg/kg) 27,200.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 10,000.0

Species Rabbit

ATE dermal (mg/kg) 10,000.0

12. Ecological information

Ecological information on ingredients.

Quaternary Ammonium Compounds, Benzyl-C12-18-Alkyldimethyl, chlorides

Acute aquatic toxicity

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LE(C) ₅₀	0.01 < L(E)C ₅₀ ≤ 0.1
M factor (Acute)	10

Quaternary Ammonium Compounds, C12-14-Alkyl[(ethylphenyl)methyl]dimethyl, chlorides

Acute aquatic toxicity

LE(C) ₅₀	0.1 < L(E)C ₅₀ ≤ 1
M factor (Acute)	1

Alpha-pinene

Acute aquatic toxicity

LE(C) ₅₀	0.1 < L(E)C ₅₀ ≤ 1
M factor (Acute)	1

Chronic aquatic toxicity

M factor (Chronic)	1
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Bioaccumulative potential

Partition coefficient Not available.

13. Disposal considerations

Waste treatment methods

General information	The generation of waste should be minimized or avoided wherever possible.
Disposal methods	Dispose of contents/container in accordance with national regulations. Dispose of contents/container in accordance with regional regulations. Dispose of contents/container in accordance with local regulations. Avoid the spillage or runoff entering drains, sewers or watercourses.

14. Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

UN Number

UN No. (International) Not applicable.

UN proper shipping name

Proper shipping name (International) Not applicable.

Transport hazard class(es)

Transport Labels (International) No transport warning sign required.

Packing group

Packing group (International) Not applicable.

Environmental hazards

Environmentally Hazardous Substance
No.

Special precautions for user

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Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

US Federal Regulations

SARA (311/312) Hazard Categories

Acute
Chronic

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

This product can expose you to DIETHANOLAMINE, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

California Air Toxics "Hot Spots" (A-I)

The following ingredients are listed:

Phosphoric Acid

California Directors List of Hazardous Substances

The following ingredients are listed:

Benzyl acetate

Coumarin

Alph-terpioneol Acetate

Diethyl Phthalate

Pentyl Acetate

Subtilisin

C.I. Food Blue 2

Phosphoric Acid

Ethanol

Massachusetts "Right To Know" List

Camphor Oil

Rhode Island "Right To Know" List

The following ingredients are listed:

Propylene Glycol

Minnesota "Right To Know" List

The following ingredients are listed:

Propylene Glycol

Borax Decahydrate

New Jersey "Right To Know" List

The following ingredients are listed:

Propylene Glycol

Borax Decahydrate

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Pennsylvania "Right To Know" List

The following ingredients are listed:

Propylene Glycol

Glycerin

Borax Decahydrate

Inventories

Canada - DSL/NDSL

DSL

US - TSCA

All the ingredients are listed or exempt.

16. Other information

Revision date	9/14/2022
Revision	9
Supersedes date	7/12/2022
SDS No.	DETERGENT-PREZAW-109
Hazard statements in full	H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H360FD May damage fertility. May damage the unborn child.
NFPA - health hazard	Irritation, minor residual injury. (1)
NFPA - flammability hazard	Will not burn. (0)
NFPA - instability hazard	Normally stable. (0)

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.