

Material Safety Data Sheet

ProEZ AW Quad™ Concentrated Quadruple Enzyme Automatic Washer Detergent

Product Number Prefix: PREZAW

CERTOL®

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Certol International, LLC urges each recipient of the MSDS to read it carefully to understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology and fire prevention, as needed to understand the data in the MSDS.

To promote safe handling, each recipient of the MSDS should: (1) notify anyone using the material of the MSDS information regarding hazards or safety; (2) furnish the MSDS information to customers purchasing the product; and (3) request the customers furnish MSDS information to all users.

Emergency and First Aid Procedures

Swallowing: Rinse mouth and throat thoroughly with water. Drink large amounts of water. DO NOT induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Seek medical attention immediately.

Skin Contact: Wash skin with flowing water or shower. If irritation persists, seek medical attention.

Inhalation: Remove the affected victim from exposure. Administer artificial respiration if breathing stopped. Seek medical attention immediately.

Eye Contact: Flush eyes with water for 15 minutes. If irritation persists, seek medical attention.

1. Identification

Product Name: ProEZ AW Quad™

Chemical Name: Blend

2. Hazards

PRINCIPAL HAZARDOUS COMPONENTS	CAS #
None	N/A

3. Physical Data

Appearance: Blue clear liquid

Odor: Fresh odor

Solubility In Water by Wt.: Complete

Boiling Point: 217°F (102.7°C)

Freezing Point: Below 17.6°F (-8°C)

Vapor Density: (Air = 1) > 1

Evaporation Rate (BuAc = 1): < 1

Specific Gravity: 1.05 @ 68°F (20°C)

pH: 7.8 - 8.3 @ 68°F (20°C)

VOC: N/A

4. Fire and Explosion Hazard

Flash Point: Not flammable

Flammable Limits In Air: N/A

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective equipment.

Unusual Fire And Explosion Hazards: None known

Extinguishing Media: CO₂, dry foam, dry chemical or water as needed to extinguish surrounding fire

Auto Ignition Temperature: N/A

5. Health Hazard Data

COMPONENT	%	OSHA/PEL	ACGIH/TLV	LD ₅₀ (Dermal Rat)	LD ₅₀ (Oral Rat)
None	0	N/A	N/A	N/A	N/A

Effect of Overexposure:

Swallowing: May cause nausea

Skin Contact: Prolonged contact may cause mild irritation.

Inhalation: May cause mild respiratory irritation

Eye Contact: May cause mild corneal irritation

Carcinogenicity:

NTR: No

IARC: No

OSHA: No

6. Reactivity Data

Stability: Stable at normal conditions

Conditions To Avoid: None known

Incompatibility (Materials To Avoid): Avoid contact with strong acids, oxidizers and alkalis.

Hazardous Combustion or Decomposition

Products: None known at normal conditions

Hazardous Polymerization: Will not occur

7. Spill, Leak and Waste Disposal Procedures

Steps To Be Taken In Case Material Is Released or Spilled: Absorb with inert material. Shovel or sweep spills. Flush remainder with plenty of water. The wet contaminated surface may be slippery.

Waste Disposal Method: Dispose according to all local, state, and federal regulations.

8. Handling and Storage

Store in a closed container, in a cool, dry, well-ventilated place away from incompatible materials. Do not store above 122°F (50°C). Keep out of reach of children.

9. Special Protection Information

Respiratory Protection: Not normally required. A mask or respirator may be used if vapor concentration is high.

Ventilation: Local exhaust or normal facility ventilation

Protective Gloves: Water resistant gloves

Eye Protection: Safety glasses, goggles or face shield

Protective Clothing: No special clothing required

Other Protective Clothing Or Equipment: An eyewash station should be nearby and ready for use.

10. Regulation Information

Status On Substance List: None known

Federal EPA: None

State Right-To-Know: None known

SARA: None

11. Transportation Data

Proper Shipping Name: None

D.O.T.: Unregulated commodity

CHEMICAL WARNING LABELS

Required on all containers, tubs and bottles, which are filled from original containers with potentially hazardous substances.

Hazard rating corresponding to the NFPA Rating System.

- 4 - Extreme
- 3 - High
- 2 - Moderate
- 1 - Slight
- 0 - Insignificant

NFPA HAZARD RATING

HEALTH: 1

FLAMMABILITY: 0

REACTIVITY: 0

Chemical Warning Label - Certol International, LLC.
ProEZ AW Quad™. No wall reference is necessary.

Product Name: ProEZ AW Quad™

Hazardous Chemicals: None

Personal Protection: Water resistant gloves, safety glasses, goggles or face shield

<u>ROUTE OF ENTRY</u>	<u>HEALTH HAZARD</u>	<u>FIRE HAZARD</u>
<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Irritant	<input type="checkbox"/> Below 73°F (23°C)
<input checked="" type="checkbox"/> Ingestion	<input type="checkbox"/> Carcinogen	<input type="checkbox"/> Below 100°F (38°C)
<input checked="" type="checkbox"/> Skin/eye absorption	<input type="checkbox"/> Toxic	<input type="checkbox"/> Above 100°F (38°C) & not > 200°F (93°C)
	<input type="checkbox"/> Sensitizer	<input type="checkbox"/> Above 200°F (93°C)
	<input type="checkbox"/> Normal Material	<input checked="" type="checkbox"/> Will not burn
<u>TARGET ORGAN EFFECTS</u>	<u>PHYSICAL HAZARD</u>	<u>REACTIVITY</u>
<input checked="" type="checkbox"/> Respiratory	<input type="checkbox"/> Oxidizer	<input type="checkbox"/> May detonate
<input type="checkbox"/> Heart	<input type="checkbox"/> Acid	<input type="checkbox"/> Shock and heat may detonate
<input type="checkbox"/> Kidney	<input type="checkbox"/> Alkali	<input type="checkbox"/> Violent chemical change
<input checked="" type="checkbox"/> Eyes	<input type="checkbox"/> Corrosive	<input type="checkbox"/> Unstable if heated
<input checked="" type="checkbox"/> Skin	<input type="checkbox"/> Use no water	<input checked="" type="checkbox"/> Stable
<input type="checkbox"/> Prostate	<input type="checkbox"/> Radioactive	
<input type="checkbox"/> Blood		
<input type="checkbox"/> Liver		
<input type="checkbox"/> CNS		
<input type="checkbox"/> Other		

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