



## SAFETY DATA SHEET

### ProEZ 2™

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

#### 1. Identification

##### Product identifier

**Product name** ProEZ 2™

**Product number** PREZU24, PREZ128, PREZ050, PREZ150, PREZ550, PREZ275, PREZNP128

##### 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](http://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** Eye Irrit. 2A - H319 Resp. Sens. 1 - H334 Repr. 1B - H360FD

**Environmental hazards** Not Classified

##### Label elements

##### Hazard symbols



**Signal word** Danger

**Hazard statements** H319 Causes serious eye irritation.  
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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<b>Precautionary statements</b>	<p>P201 Obtain special instructions before use.</p> <p>P202 Do not handle until all safety precautions have been read and understood.</p> <p>P261 Avoid breathing vapor/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P284 In case of inadequate ventilation wear respiratory protection.</p> <p>P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P308+P313 If exposed or concerned: Get medical advice/ attention.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P342+P311 If experiencing respiratory symptoms: Call a poison center/ doctor.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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**Contains** Borax, Subtilisin, Alpha Amylase

### 3. Composition/information on ingredients

#### Mixtures

<b>Borax Decahydrate</b>	<b>1-5%</b>
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CAS number: 1303-96-4

<b>Subtilisin</b>	<b>&lt;1%</b>
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CAS number: 9014-01-1

<b>Alpha Amylase</b>	<b>&lt;1%</b>
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CAS number: 9000-90-2

#### Composition

### 4. First-aid measures

#### Description of first aid measures

<b>Inhalation</b>	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.
<b>Ingestion</b>	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.
<b>Skin Contact</b>	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.
<b>Eye contact</b>	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/m<sup>3</sup>

##### **Borax Decahydrate**

Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m<sup>3</sup> dust, inhalable fraction

Short-term exposure limit (15-minute): ACGIH 6 mg/m<sup>3</sup> dust, inhalable fraction

A4

##### **Triethanolamine**

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m<sup>3</sup>

##### **Subtilisin**

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Ceiling exposure limit: ACGIH 0.00006 mg/m<sup>3</sup>  
as crystalline active enzyme

### Diethanolamine

Long-term exposure limit (8-hour TWA): ACGIH 1 mg/m<sup>3</sup> inhalable fraction and vapor

### Diethyl Phthalate

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m<sup>3</sup>

A4

### 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/m<sup>3</sup> 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

<b>Appropriate engineering controls</b>	Provide adequate ventilation. Provide eyewash station.
<b>Personal protection</b>	Handle in accordance with good industrial hygiene and safety practices.
<b>Eye/face protection</b>	Chemical splash goggles or face shield.
<b>Hand protection</b>	It is recommended that chemical-resistant, impervious gloves are worn.
<b>Other skin and body protection</b>	Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.
<b>Respiratory protection</b>	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

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Blue-green.
<b>Odor</b>	Characteristic.
<b>pH</b>	pH (concentrated solution): 7.4-8.5
<b>Melting point</b>	-8°C/-17.6°F
<b>Initial boiling point and range</b>	102.7°C/217°F
<b>Flash point</b>	The product is not flammable.
<b>Evaporation rate</b>	< 1
<b>Flammability (solid, gas)</b>	N/A-liquid
<b>Vapor pressure</b>	No specific test data are available.
<b>Vapor density</b>	> 1
<b>Relative density</b>	1.07 @ 15.5°C/60°F
<b>Solubility(ies)</b>	Completely soluble in water.
<b>Partition coefficient</b>	Not available.

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<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	Not considered to be explosive.
<b>Oxidizing properties</b>	Not available.

### 10. Stability and reactivity

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

### 11. Toxicological information

#### Information on toxicological effects

#### Toxicological information on ingredients.

##### Glycerin

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>) 27,200.0 mg/kg

Species Rat

ATE oral (mg/kg) 27,200.0

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub>) 10,000.0 mg/kg

Species Rabbit

ATE dermal (mg/kg) 10,000.0

### 12. Ecological information

#### Ecological information on ingredients.

##### Glycerin

#### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 54000 mg/l, Oncorhynchus mykiss (Rainbow trout)

##### Alpha-pinene

#### Acute aquatic toxicity

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**LE(C)<sub>50</sub>** 0.1 < L(E)C<sub>50</sub> ≤ 1

**M factor (Acute)** 1

**Chronic aquatic toxicity**

**M factor (Chronic)** 1

**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**

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

## ProEZ 2™

### 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](http://www.P65Warnings.ca.gov).

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

The following ingredients are listed:

*Phosphoric Acid*

*Diethanolamine*

#### **California Air Toxics "Hot Spots" (A-II)**

The following ingredients are listed:

*Diethyl Phthalate*

#### **California Directors List of Hazardous Substances**

The following ingredients are listed:

*C.I. Food Blue 2*

*Phosphoric Acid*

*Subtilisin*

*Diethanolamine*

*Coumarin*

*Diphenyl Ether*

*Benzyl Acetate*

*Diethyl Phthalate*

*Pentyl Acetate*

#### **Massachusetts "Right To Know" List**

The following ingredients are listed:

*Borax Decahydrate*

#### **Rhode Island "Right To Know" List**

The following ingredients are listed:

*Borax Decahydrate*

*Propylene Glycol*

#### **Minnesota "Right To Know" List**

The following ingredients are listed:

*Polyethylene glycol*

*Borax Decahydrate*

*Propylene Glycol*

*Triethanolamine*

#### **New Jersey "Right To Know" List**

The following ingredients are listed:

*Borax Decahydrate*

*Propylene Glycol*

#### **Pennsylvania "Right To Know" List**

The following ingredients are listed:

**ProEZ 2™***Glycerin**Borax Decahydrate**Propylene Glycol**Triethanolamine***Inventories****Canada - DSL/NDSL**

DSL

**US - TSCA**

All the ingredients are listed or exempt.

**16. Other information**

<b>Revision date</b>	9/14/2022
<b>Revision</b>	5
<b>Supersedes date</b>	7/6/2022
<b>SDS No.</b>	DETERGENT-PREZ-I05
<b>Hazard statements in full</b>	H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H360FD May damage fertility. May damage the unborn child.
<b>NFPA - health hazard</b>	Temporary incapacitation, injury. (2)
<b>NFPA - flammability hazard</b>	Will not burn. (0)
<b>NFPA - instability hazard</b>	Normally stable. (0)
<b>NFPA - special hazard</b>	N/A

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.