



# Safety Data Sheet

Issue Date: 31-Oct-2012

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Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Prespot Plus

### Other means of identification

**SDS #** OWENS-22

### Recommended use of the chemical and restrictions on use

**Recommended Use** Laundry prespotter and stain remover.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Owens Distributors  
2850 W. Airport Blvd  
Sanford, FL 32771  
Email: Info@OwensDistributors.com  
Website: www.commercialdishwashers.com

### Emergency Telephone Number

**Company Phone Number** 800-987-5979  
407-302-8602  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Physical State** Liquid

### Classification

|                                   |            |
|-----------------------------------|------------|
| Serious eye damage/eye irritation | Category 2 |
|-----------------------------------|------------|

### Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed  
Causes mild skin irritation

### Signal Word

**Warning**

### Hazard Statements

Causes serious eye irritation



**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear eye/face protection

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention

**Other Hazards**

Harmful to aquatic life with long lasting effects  
Harmful to aquatic life

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients not listed on this safety data sheet are considered to be non-hazardous according to OSHA 1910.1200.

| Chemical Name       | CAS No    | Weight-% |
|---------------------|-----------|----------|
| Water               | 7732-18-5 | 80       |
| 2-Butoxyethanol     | 111-76-2  | 6        |
| Tetrasodium EDTA    | 64-02-8   | 2.5      |
| Potassium hydroxide | 1310-58-3 | 1        |

### 4. FIRST-AID MEASURES

**First Aid Measures**

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation occurs. |
| <b>Skin Contact</b> | Wash off immediately with plenty of water. Remove contaminated clothing and shoes.   |
| <b>Inhalation</b>   | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if you feel unwell.  |
| <b>Ingestion</b>    | Clean mouth with water and drink afterwards plenty of water.   |

**Most important symptoms and effects**

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | Causes eye irritation. Causes mild skin irritation. |
|-----------------|---|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Not determined.

**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.

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling** Wash face, hands, and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8. Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

| Chemical Name                    | ACGIH TLV                    | OSHA PEL   | NIOSH IDLH   |
|----------------------------------|------------------------------|--|--|
| 2-Butoxyethanol<br>111-76-2      | TWA: 20 ppm                  | TWA: 50 ppm<br>TWA: 240 mg/m <sup>3</sup><br>(vacated) TWA: 25 ppm<br>(vacated) TWA: 120 mg/m <sup>3</sup><br>(vacated) S*<br>S* | IDLH: 700 ppm<br>TWA: 5 ppm<br>TWA: 24 mg/m <sup>3</sup> |
| Potassium hydroxide<br>1310-58-3 | Ceiling: 2 mg/m <sup>3</sup> | (vacated) Ceiling: 2 mg/m <sup>3</sup>   | Ceiling: 2 mg/m <sup>3</sup>                             |

### Appropriate engineering controls

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Wear approved safety goggles.

**Skin and Body Protection** Wear appropriate clothing to prevent repeated or prolonged skin contact.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas. Do not breathe gas/fumes/vapor/spray.

**General Hygiene Considerations** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                       |                |                       |                |
|-----------------------|----------------|-----------------------|----------------|
| <b>Physical State</b> | Liquid         | <b>Odor</b>           | Not determined |
| <b>Appearance</b>     | Not determined | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | White          |                       |                |

| <u>Property</u>              | <u>Values</u>     | <u>Remarks • Method</u> |
|------------------------------|-------------------|-------------------------|
| pH                           | Not determined    |                         |
| Melting Point/Freezing Point | Not determined    |                         |
| Boiling Point/Boiling Range  | Not determined    |                         |
| Flash Point                  | Not determined    |                         |
| Evaporation Rate             | Not determined    |                         |
| Flammability (Solid, Gas)    | Not determined    |                         |
| Upper Flammability Limits    | Not determined    |                         |
| Lower Flammability Limit     | Not determined    |                         |
| Vapor Pressure               | Not determined    |                         |
| Vapor Density                | Not determined    |                         |
| Specific Gravity             | Not determined    |                         |
| Water Solubility             | Miscible in water |                         |
| Solubility in other solvents | Not determined    |                         |
| Partition Coefficient        | Not determined    |                         |
| Auto-ignition Temperature    | Not determined    |                         |
| Decomposition Temperature    | Not determined    |                         |
| Kinematic Viscosity          | Not determined    |                         |
| Dynamic Viscosity            | Not determined    |                         |
| Explosive Properties         | Not determined    |                         |
| 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.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible Materials

None known based on information supplied.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |                                  |
|---------------------|----------------------------------|
| <b>Eye Contact</b>  | Causes serious eye irritation.   |
| <b>Skin Contact</b> | Causes mild skin irritation.     |
| <b>Inhalation</b>   | Avoid breathing vapors or mists. |
| <b>Ingestion</b>    | May be harmful if swallowed.     |

### Component Information

| Chemical Name                    | Oral LD50           | Dermal LD50                                 | Inhalation LC50                               |
|----------------------------------|---------------------|---|---|
| 2-Butoxyethanol<br>111-76-2      | = 470 mg/kg ( Rat ) | = 2270 mg/kg ( Rat ) = 220 mg/kg ( Rabbit ) | = 2.21 mg/L ( Rat ) 4 h = 450 ppm ( Rat ) 4 h |
| Tetrasodium EDTA<br>64-02-8      | = 10 g/kg ( Rat )   | -   | -   |
| Potassium hydroxide<br>1310-58-3 | = 214 mg/kg ( Rat ) | -   | -   |

### Information on physical, chemical and toxicological effects

**Symptoms** Contact will cause irritation and redness to exposed areas.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

| Chemical Name               | ACGIH | IARC    | NTP | OSHA |
|-----------------------------|-------|---------|-----|------|
| 2-Butoxyethanol<br>111-76-2 | A3    | Group 3 |     |      |

#### Legend

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 3 IARC components are "not classifiable as human carcinogens"

### Numerical measures of toxicity

Not determined

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

| Chemical Name                    | Algae/aquatic plants                         | Fish   | Toxicity to microorganisms | Crustacea   |
|----------------------------------|--|--|----------------------------|---|
| 2-Butoxyethanol<br>111-76-2      |  | 1490: 96 h Lepomis macrochirus mg/L LC50 static<br>2950: 96 h Lepomis macrochirus mg/L LC50      |                            | 1698 - 1940: 24 h Daphnia magna mg/L EC50<br>1000: 48 h Daphnia magna mg/L EC50 |
| Tetrasodium EDTA<br>64-02-8      | 1.01: 72 h Desmodesmus subspicatus mg/L EC50 | 41: 96 h Lepomis macrochirus mg/L LC50 static<br>59.8: 96 h Pimephales promelas mg/L LC50 static |                            | 610: 24 h Daphnia magna mg/L EC50   |
| Potassium hydroxide<br>1310-58-3 |  | 80: 96 h Gambusia affinis mg/L LC50 static   |                            |   |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

| Chemical Name                    | Partition Coefficient |
|----------------------------------|-----------------------|
| 2-Butoxyethanol<br>111-76-2      | 0.81                  |
| Potassium hydroxide<br>1310-58-3 | 0.83                  |

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**California Hazardous Waste Status**

| Chemical Name                    | California Hazardous Waste Status |
|----------------------------------|-----------------------------------|
| Potassium hydroxide<br>1310-58-3 | Toxic<br>Corrosive                |

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

Not determined

### US Federal Regulations

#### CERCLA

| Chemical Name                    | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                  |
|----------------------------------|--------------------------|----------------|---|
| Potassium hydroxide<br>1310-58-3 | 1000 lb                  |                | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |

#### SARA 313

| Chemical Name              | CAS No   | Weight-% | SARA 313 - Threshold Values % |
|----------------------------|----------|----------|-------------------------------|
| 2-Butoxyethanol - 111-76-2 | 111-76-2 | 6        | 1.0                           |

### CWA (Clean Water Act)

| Component                              | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|--|-----------------------------|------------------------|---------------------------|----------------------------|
| Potassium hydroxide<br>1310-58-3 ( 1 ) | 1000 lb                     |                        |                           | X                          |

### US State Regulations

#### U.S. State Right-to-Know Regulations

| Chemical Name                    | New Jersey | Massachusetts | Pennsylvania |
|----------------------------------|------------|---------------|--------------|
| 2-Butoxyethanol<br>111-76-2      | X          | X             | X            |
| Potassium hydroxide<br>1310-58-3 | X          | X             | X            |

## 16. OTHER INFORMATION

#### NFPA

#### Health Hazards

Not determined

#### Flammability

Not determined

#### Instability

Not determined

#### Special Hazards

Not determined

#### HMIS

#### Health Hazards

Not determined

#### Flammability

Not determined

#### Physical Hazards

Not determined

#### Personal Protection

Not determined

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Revision Note:

New product

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

End of Safety Data Sheet