

# SAFETY DATA SHEET

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Revision Number 1



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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

Item No. 310

### Product Name

Bowl Fresh® Plus Oxygen Bleach Toilet Freshener & Cleaner

### Other means of identification

### Synonyms

None

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

### Recommended Use

Toilet/Urinal Care Product - Non-aerosol

### Uses advised against

No information available

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

### Supplier Name

Willert Home Products, Inc.

### Supplier Address

4044 Park Avenue  
Saint Louis  
Missouri 63110 USA

### Supplier Phone Number

314-772-2822  
(8:30 AM to 4:30 PM CST)

### Supplier Email

[whpcustomerservice@willert.com](mailto:whpcustomerservice@willert.com)

### Emergency telephone number

CHEMTREC 800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral

Category 4



|                                                  |            |
|--------------------------------------------------|------------|
| Skin corrosion/irritation                        | Category 2 |
| Serious eye damage/eye irritation                | Category 1 |
| Specific target organ toxicity (single exposure) | Category 3 |

**GHS Label elements, including precautionary statements****Emergency Overview**

|                                                                                                                                                                                                |                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| <b>Signal word</b>                                                                                                                                                                             | <b>Danger</b>               |
| <b>Hazard Statements</b><br>Harmful if swallowed<br>Causes skin irritation<br>Causes serious eye damage<br>May cause respiratory irritation<br>May form combustible dust concentrations in air |                             |
|                                                                                                               |                             |
| <b>Appearance</b> Off white                                                                                                                                                                    | <b>Physical State</b> Solid |
|                                                                                                                                                                                                | <b>Odor</b> Lavender Flower |

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Wear protective gloves/protective clothing/eye protection/face protection  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Use only outdoors or in a well-ventilated area

**Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label)

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a POISON CENTER or doctor/physician

**Skin**

IF ON SKIN: Wash with plenty of soap and water  
If skin irritation occurs: Get medical advice/attention  
Take off contaminated clothing and wash before reuse

**Inhalation**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
Call a POISON CENTER or doctor/physician if you feel unwell

**Ingestion**

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
Rinse mouth

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep container tightly closed  
Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

5% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

Harmful to aquatic life with long lasting effects

**Interactions with Other Chemicals**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name                  | CAS No     | Weight-% | Trade Secret |
|--------------------------------|------------|----------|--------------|
| Sodium dodecylbenzenesulfonate | 25155-30-0 | 15 - 40  | *            |
| Tetrasodium EDTA               | 64-02-8    | 1 - 5    | *            |
| Calcium stearate               | 1592-23-0  | 1 - 5    | *            |
| Sodium percarbonate            | 15630-89-4 | 1 - 5    | *            |
| Sodium lauryl sulfate          | 151-21-3   | 1 - 5    | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret

**4. FIRST AID MEASURES****First aid measures****General Advice**

Show this safety data sheet to the doctor in attendance.

**Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Do not rub affected area. Seek immediate medical attention/advice.

**Skin Contact**

Wash off immediately with soap and plenty of water for at least 15 minutes. In the case of skin irritation or allergic reactions see a physician.

**Inhalation**

Remove to fresh air. If symptoms persist, call a physician.

**Ingestion**

Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician.



**Self-protection of the first aider** Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

**Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects** Burning sensation.

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

**Notes to Physician** 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**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical**

Avoid generation of dust. Fine dust dispersed in air may ignite.

**Uniform Fire Code**

Oxidizer: Class 1--Solid  
Irritant: Solid  
COMBUSTIBLE DUST/POWDER

**Hazardous Combustion Products**

Carbon oxides.

**Explosion Data**

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** Yes.

**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** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Avoid generation of dust. Do not breathe dust. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges.

**Other Information** Refer to protective measures listed in Sections 7 and 8.

### Environmental Precautions

**Environmental Precautions** Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

### Methods and material for containment and cleaning up

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

**Methods for cleaning up** Pick up and transfer to properly labeled containers. Take up with inert, damp, non-combustible material using clean non-sparking tools and place into loosely covered plastic containers for later disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Ensure adequate ventilation. Avoid generation of dust. Do not breathe dust. Avoid contact with eyes. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use spark-proof tools and explosion-proof equipment. Take precautionary measures against static discharges.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

**Incompatible Products** Strong acids. Strong oxidizing agents. Strong bases.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Exposure Guidelines

| Chemical Name                 | ACGIH TLV                                                     | OSHA PEL | NIOSH IDLH |
|-------------------------------|---------------------------------------------------------------|----------|------------|
| Calcium stearate<br>1592-23-0 | TWA: 10 mg/m <sup>3</sup> except<br>stearates of toxic metals | -        |            |

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

### Appropriate engineering controls

**Engineering Measures**

- Showers
- Eyewash stations
- Ventilation systems

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

**Eye/Face Protection**                      Tight sealing safety goggles.

**Skin and Body Protection**                Wear protective gloves and protective clothing. Long sleeved clothing. Impervious gloves.

**Respiratory Protection**                    No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures**                            Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not breathe dust.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

|                                        |                          |                               |                          |
|----------------------------------------|--------------------------|-------------------------------|--------------------------|
| <b>Physical State</b>                  | Solid                    | <b>Odor</b>                   | Lavender Flower          |
| <b>Appearance</b>                      | Off white                | <b>Odor Threshold</b>         | No information available |
| <b>Color</b>                           | No information available |                               |                          |
| <b><u>Property</u></b>                 | <b><u>Values</u></b>     | <b><u>Remarks/ Method</u></b> |                          |
| pH                                     | UNKNOWN                  | None known                    |                          |
| Melting / freezing point               | No data available        | None known                    |                          |
| Boiling point / boiling range          | No data available        | None known                    |                          |
| Flash Point                            | No data available        | None known                    |                          |
| Evaporation Rate                       | No data available        | None known                    |                          |
| Flammability (solid, gas)              | No data available        | None known                    |                          |
| Flammability Limit in Air              |                          |                               |                          |
| Upper flammability limit               | No data available        |                               |                          |
| Lower flammability limit               | No data available        |                               |                          |
| Vapor pressure                         | No data available        | None known                    |                          |
| Vapor density                          | No data available        | None known                    |                          |
| Specific Gravity                       | No data available        | None known                    |                          |
| Water Solubility                       | Slightly soluble         | None known                    |                          |
| Solubility in other solvents           | No data available        | None known                    |                          |
| Partition coefficient: n-octanol/water | No data available        | None known                    |                          |

|                           |                   |            |
|---------------------------|-------------------|------------|
| Autoignition temperature  | No data available | None known |
| Decomposition temperature | No data available | None known |
| Kinematic viscosity       | No data available | None known |
| Dynamic viscosity         | No data available | None known |
| Explosive properties      | No data available |            |
| Oxidizing Properties      | No data available |            |

**Other Information**

|                            |                   |
|----------------------------|-------------------|
| Softening Point            | No data available |
| VOC Content (%)            | No data available |
| Particle Size              | No data available |
| Particle Size Distribution |                   |

**10. STABILITY AND REACTIVITY****Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

Excessive heat. Heating in air. Dust formation.

**Incompatible materials**

Strong acids. Strong oxidizing agents. Strong bases.

**Hazardous Decomposition Products**

Carbon oxides.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

|                            |                                                                                                                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Information</b> | Product does not present an acute toxicity hazard based on known or supplied information.                                                                                                                                         |
| <b>Inhalation</b>          | Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.                                                                                                                      |
| <b>Eye Contact</b>         | Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. Severely irritating to eyes. Causes serious eye damage. May cause burns. May cause irreversible damage to eyes. |
| <b>Skin Contact</b>        | Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. Irritating to skin. Prolonged contact may cause redness and irritation.                                         |

**Ingestion**

Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May be harmful if swallowed. (based on components).

**Component Information**

| Chemical Name                     | Oral LD50            | Dermal LD50            | Inhalation LC50                      |
|-----------------------------------|----------------------|------------------------|--------------------------------------|
| Sodium percarbonate<br>15630-89-4 | = 1034 mg/kg ( Rat ) | -                      | -                                    |
| Sodium lauryl sulfate<br>151-21-3 | = 1288 mg/kg ( Rat ) | = 580 mg/kg ( Rabbit ) | > 3900 mg/m <sup>3</sup> ( Rat ) 1 h |

**Information on toxicological effects****Symptoms**

Erythema (skin redness). May cause redness and tearing of the eyes. May cause blindness. Burning.

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

No information available.

**Mutagenic Effects**

No information available.

**Carcinogenicity**

Contains no ingredient listed as a carcinogen.

**Reproductive Toxicity**

No information available.

**STOT - single exposure**

No information available.

**STOT - repeated exposure**

No information available.

**Chronic Toxicity**

No known effect based on information supplied.

**Target Organ Effects**

Respiratory system. Eyes. Skin. Kidney. Systemic Toxicity.

**Aspiration Hazard**

No information available.

**Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)**

516.00 mg/kg

**ATEmix (dermal)**

40,700.00 mg/kg (ATE)



## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Harmful to aquatic life with long lasting effects.

| Chemical Name                                | Toxicity to Algae                                                                                                                                                                                                                              | Toxicity to Fish                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Toxicity to Microorganisms                                                   | Daphnia Magna (Water Flea) |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------|
| Sodium dodecylbenzenesulfonate<br>25155-30-0 |                                                                                                                                                                                                                                                | 96h LC50: = 10.8 mg/L<br>(Oncorhynchus mykiss)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                              |                            |
| Tetrasodium EDTA<br>64-02-8                  | 72h EC50: = 1.01 mg/L<br>(Desmodesmus subspicatus)                                                                                                                                                                                             | 96h LC50: = 41 mg/L<br>(Lepomis macrochirus) 96h<br>LC50: = 59.8 mg/L<br>(Pimephales promelas)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                              | 24h EC50: = 610 mg/L       |
| Sodium percarbonate<br>15630-89-4            | 240h EC50: = 70 mg/L<br>(Chlorella emersonii)                                                                                                                                                                                                  | 96h LC50: = 70.7 mg/L<br>(Pimephales promelas)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                              | 48h EC50: = 4.9 mg/L       |
| Sodium lauryl sulfate<br>151-21-3            | 96h EC50: 30 - 100 mg/L<br>(Desmodesmus subspicatus)<br>96h EC50: = 117 mg/L<br>(Pseudokirchneriella<br>subcapitata) 96h EC50:<br>3.59 - 15.6 mg/L<br>(Pseudokirchneriella<br>subcapitata) 72h EC50: = 53<br>mg/L (Desmodesmus<br>subspicatus) | 96h LC50: 8 - 12.5 mg/L<br>(Pimephales promelas) 96h<br>LC50: 22.1 - 22.8 mg/L<br>(Pimephales promelas) 96h<br>LC50: 4.3 - 8.5 mg/L<br>(Oncorhynchus mykiss) 96h<br>LC50: 15 - 18.9 mg/L<br>(Pimephales promelas) 96h<br>LC50: = 4.2 mg/L<br>(Oncorhynchus mykiss) 96h<br>LC50: = 7.97 mg/L<br>(Brachydanio rerio) 96h<br>LC50: = 4.62 mg/L<br>(Oncorhynchus mykiss) 96h<br>LC50: 9.9 - 20.1 mg/L<br>(Brachydanio rerio) 96h<br>LC50: 4.06 - 5.75 mg/L<br>(Lepomis macrochirus) 96h<br>LC50: 4.2 - 4.8 mg/L<br>(Lepomis macrochirus) 96h<br>LC50: 5.8 - 7.5 mg/L<br>(Pimephales promelas) 96h<br>LC50: = 4.5 mg/L (Lepomis<br>macrochirus) 96h LC50:<br>10.2 - 22.5 mg/L<br>(Pimephales promelas) 96h<br>LC50: 6.2 - 9.6 mg/L<br>(Pimephales promelas) 96h<br>LC50: 13.5 - 18.3 mg/L<br>(Poecilia reticulata) 96h<br>LC50: 10.8 - 16.6 mg/L<br>(Poecilia reticulata) 96h<br>LC50: = 1.31 mg/L (Cyprinus<br>carpio) | EC50 = 0.46 mg/L 30 min<br>EC50 = 0.72 mg/L 15 min<br>EC50 = 1.19 mg/L 5 min | 48h EC50: = 1.8 mg/L       |

### Persistence and Degradability

No information available.

### Bioaccumulation

| Chemical Name                     | Log Pow |
|-----------------------------------|---------|
| Sodium lauryl sulfate<br>151-21-3 | 1.6     |

### Other adverse effects

No information available.



### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

#### **Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

#### **Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

#### **California Hazardous Waste Codes 561**

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name                     | California Hazardous Waste |
|-----------------------------------|----------------------------|
| Sodium percarbonate<br>15630-89-4 | Ignitable                  |

### 14. TRANSPORT INFORMATION

#### DOT

Proper Shipping Name  
Hazard Class

NOT REGULATED  
NON REGULATED  
N/A

#### TDG

Not regulated

#### MEX

Not regulated

#### ICAO

Not regulated

#### IATA

Proper Shipping Name  
Hazard Class

Not regulated  
NON REGULATED  
N/A

#### IMDG/IMO

Hazard Class

Not regulated  
N/A

#### RID

Not regulated

#### ADR

Not regulated

#### ADN

Not regulated

### 15. REGULATORY INFORMATION

#### International Inventories

TSCA  
DSL

Complies  
All components are listed either on the DSL or NDSL.



TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

|                                   |     |
|-----------------------------------|-----|
| Acute Health Hazard               | Yes |
| Chronic Health Hazard             | No  |
| Fire Hazard                       | Yes |
| Sudden release of pressure hazard | No  |
| Reactive Hazard                   | No  |

#### CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical Name                                | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|----------------------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Sodium dodecylbenzenesulfonate<br>25155-30-0 | 1000 lb                     |                        |                           | X                          |

#### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name                                | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ                                        |
|----------------------------------------------|--------------------------|------------------------------------|-------------------------------------------|
| Sodium dodecylbenzenesulfonate<br>25155-30-0 | 1000 lb                  |                                    | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |

### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

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

| Chemical Name                                | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|----------------------------------------------|------------|---------------|--------------|--------------|----------|
| Sodium sulfate<br>7757-82-6                  |            | X             | X            |              |          |
| Sodium dodecylbenzenesulfonate<br>25155-30-0 | X          | X             | X            | X            |          |

### International Regulations

#### **Canada**

##### **WHMIS Hazard Class**

D2B - Toxic materials



**16. OTHER INFORMATION**

|      |                  |                |                   |                                     |
|------|------------------|----------------|-------------------|-------------------------------------|
| NFPA | Health Hazards 2 | Flammability 1 | Instability 1     | Physical and Chemical Hazards<br>OX |
| HMIS | Health Hazards 2 | Flammability 1 | Physical Hazard 1 | Personal Protection<br>X            |

**Prepared By** Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

**Revision Date** 22-Oct-2014

**Revision Note** No information available

**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**