

## SAFETY DATA SHEET

Product No. 896 PELCO® Bell Jar Kleen™

Issue Date: (05-27-15)

Review Date: (08-26-22) Rev.: 03

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### Section 1: Product and Company Identification

Product Name: 896 PELCO® Bell Jar Kleen™

Company Name: Ted Pella, Inc., P.O. Box 492477, Redding, CA 96049-2477

Inside USA and Canada 1-800-237-3526 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

Outside USA and Canada 1-530-243-2200 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

**CHEMTREC USA and Canada Emergency Contact Number 1-800-424-9300 24 hours a day**

**CHEMTREC Outside USA and Canada Emergency Contact Number +1-703-741-5970 24 hours a day**

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### Section 2: Hazard Identification

#### 2.1 Classification of substance or mixture

##### Classification (GHS-US)

Eye Irritant: Category 2A- H319

#### 2.2 Label elements

##### Hazard Pictograms



GHS07

##### Signal Word (GHS-US): Warning

##### Hazard Statements (GHS-US):

H319: Causes serious eye irritation.

##### Precautionary Statements (GHS-US):

P264: Wash hands, forearms, and other exposed areas thoroughly after handling.

P280: Wear protective gloves, protective clothing, and eye protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

#### 2.3. Other Hazards:

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

#### 2.4. Unknown Acute Toxicity (GHS-US):

No data available

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### Section 3: Composition / Information on Ingredients

#### 3.1 Substances: Not Applicable

#### 3.2 Mixture:

<u>Component</u>	<u>CAS Number</u>	<u>%w/w</u>
Limestone	1317-65-3	60-100
Feldspar	68479-25-5	5-10
Disodium carbonate	497-19-8	1-5
Benzenesulfonic acid, C10-16 alkyl derivatives	68584-22-5	<1

A range of concentration as prescribed by the Controlled Products Regulations has been used where necessary, due to varying composition.

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret.

[29 CFR 1910.1200]

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### Section 4: First Aid Measures

#### 4.1. Description of First Aid Measures:

- General:** Never give anything by mouth to an unconscious person.  
If you feel unwell, seek medical advice (show the label if possible).
- Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing.  
Obtain medical attention if breathing difficulty persists.
- Skin Contact:** Brush off loose particles from skin.  
Wash with plenty of soap and water.  
Take off contaminated clothing and wash it before reuse.  
If skin irritation or rash occurs: Get medical advice/attention.
- Eye Contact:** Rinse cautiously with water for at least 15 minutes.  
Remove contact lenses, if present and easy to do so. Continue rinsing.  
Obtain medical attention if irritation persists.
- Ingestion:** Do not induce vomiting. Rinse mouth.  
Seek medical attention if a large amount is swallowed.

#### 4.2. Most Important Symptoms and Effects both Acute and Delayed

- General:** Causes serious eye irritation.
- Inhalation:** Inhalation of pulverized limestone or limestone dust may cause irritation of the respiratory system resulting in coughing and/or sneezing. Higher exposures may cause a buildup of fluid in the lungs with severe shortness of breath.
- Skin Contact:** Dust may cause irritation in skin folds or by contact in combination with tight clothing.
- Eye Contact:** Causes serious eye irritation. Symptoms may include: Redness, pain, swelling, itching, burning, tearing, and blurred vision.
- Ingestion:** Ingestion is likely to be harmful or have adverse effects.
- Chronic Symptoms:**  
None expected under normal conditions of use.

#### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

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## Section 5: Fire Fighting Measures

### 5.1. Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use a heavy water stream.  
Use of heavy stream of water may spread fire.

### 5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Product is not flammable, but will ignite on contact with fluorine.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

### 5.3. Advice for Firefighters Precautionary Measures Fire

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.  
Under fire conditions, hazardous fumes will be present.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection during Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Thermal decomposition generates: Carbon oxides (CO, CO<sub>2</sub>). Oxides of calcium.

- Reference to Other Sections Refer to section 9 for flammability properties.

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## Section 6: Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Do not get in eyes, on skin, or on clothing.  
Avoid breathing dust.

**For Non-Emergency Personnel Protective Equipment:**  
Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

**Emergency Personnel Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

### 6.3. Methods and Material for Containment and Cleaning Up

- For Containment: Contain and collect as any solid.
- Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely.  
Sweep spilled substance into containers.  
If appropriate, moisten first to prevent dusting.  
Contact competent authorities after a spill.

### 6.4. Reference to Other Sections

See Section 8, Exposure Controls and Personal Protection. See Section 13, Disposal Considerations.

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## Section 7: Handling and Storage

### 7.1. Precautions for Safe Handling Hygiene Measures:

Handle in accordance with good industrial hygiene and safety procedures.

Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a dry, cool, and well-ventilated place.

Keep container closed when not in use.

Keep/Store away from direct sunlight, extremely high or low temperatures, and incompatible materials.

Incompatible Materials: Strong acids. Alum. Ammonium salts. Fluorine. Magnesium.

7.3. Specific End Use(s) Hard Surface Cleaner

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## Section 8: Exposure Controls / Personal Protection

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

#### Limestone (1317-65-3)

USA OSHA	PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
USA NIOSH	REL (TWA) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
Mexico	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Mexico	OEL STEL (mg/m <sup>3</sup> )	20 mg/m <sup>3</sup>

### 8.2. Exposure Controls

#### Appropriate Engineering Controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Use local exhaust or general dilution ventilation or other suppression methods to maintain dust levels below exposure limits.

Power equipment should be equipped with proper dust collection devices.

Ensure all national/local regulations are observed.

#### Personal Protective Equipment:

Protective goggles. Protective clothing. Gloves.

Insufficient ventilation: wear respiratory protection.



**Hand Protection:**

In case of repeated or prolonged contact wear gloves.

**Eye Protection:**

Chemical safety goggles.

**Skin and Body Protection:**

Wear suitable protective clothing.

**Respiratory Protection:**

If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

**Environmental Exposure Controls:**

Do not allow the product to be released into the environment.

**Consumer Exposure Controls:**

Do not eat, drink, or smoke during use.

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## Section 9: Physical and Chemical Properties

Odor:	Not available
Odor Threshold:	Not available
pH:	10 (1%)
Evaporation Rate:	Not available
Melting Point:	Not available
Freezing Point:	Not available
Boiling Point:	Not available
Flash Point:	Not available
Auto-ignition Temperature:	Not available
Decomposition Temperature:	Not available
Flammability (solid, gas):	Not available
Lower Flammable Limit:	Not available
Upper Flammable Limit:	Not available
Vapor Pressure:	Not available
Relative Vapor Density at 20 °C:	Not available
Relative Density:	Not available
Specific Gravity:	Not available
Solubility:	Not available
Partition Coefficient: N-Octanol/Water:	Not available
Viscosity:	Not available
Explosion Data:	
Sensitivity to Mechanical Impact:	Not expected to present an explosion hazard due to mechanical impact.
Sensitivity to Static Discharge:	Not expected to present an explosion hazard due to static discharge.

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## Section 10: Stability and Reactivity

<b>Reactivity:</b>	Hazardous reactions will not occur under normal conditions.
<b>Chemical Stability:</b>	Stable under recommended handling and storage conditions (see section 7).
<b>Possibility of Hazardous Reactions:</b>	Hazardous polymerization will not occur.
<b>Conditions to Avoid:</b>	Direct sunlight. Extremely high or low temperatures. Incompatible materials.
<b>Incompatible Materials:</b>	Strong acids. Alum. Ammonium salts. Fluorine. Magnesium.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition generates: Carbon oxides (CO, CO <sub>2</sub> ). Oxides of calcium.

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## Section 11: Toxicological Information

LD50 and LC50 Data:	Not available
Skin Corrosion/Irritation:	Not classified
Serious Eye Damage/Irritation:	Causes serious eye irritation.
Respiratory or Skin Sensitization:	Not classified
Germ Cell Mutagenicity:	Not classified
Teratogenicity:	Not classified
Carcinogenicity:	Not classified
Specific Target Organ Toxicity (Repeated Exposure):	Not classified
Reproductive Toxicity:	Not classified
Specific Target Organ Toxicity (Single Exposure):	Not classified
Aspiration Hazard:	Not classified

Symptoms/Injuries after Inhalation:	Inhalation of pulverized limestone or limestone dust may cause irritation of the respiratory system resulting in coughing and/or sneezing. Higher exposures may cause a buildup of fluid in the lungs with severe shortness of breath.
Symptoms/Injuries after Skin Contact:	Dust may cause irritation in skin folds or by contact in combination with tight clothing.
Acute Toxicity:	Not classified
Symptoms/Injuries after Eye Contact:	Causes serious eye irritation. Symptoms may include: Redness, pain, swelling, itching, burning, tearing, and blurred vision.
Symptoms/Injuries after Ingestion:	Ingestion is likely to be harmful or have adverse effects.
Chronic Symptoms:	None expected under normal conditions of use.

## 11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Disodium carbonate (497-19-8)

LD50 Oral Rat	4090 mg/kg
LC50 Inhalation Rat	2300 mg/m <sup>3</sup> (Exposure time: 2 h)

## Section 12: Ecological Information

### 12.1. Toxicity

Disodium carbonate (497-19-8)

LC50 Fish 1	300 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	265 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC 50 Fish 2	310 - 1220 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

**12.2. Persistence and Degradability:** Not available

**12.3. Bioaccumulative Potential:**

Disodium carbonate (497-19-8)

BFC Fish 1	No Bioaccumulation
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**12.4. Mobility in Soil:** Not available

**12.5. Other Adverse Effects:** Not available

## Section 13 Disposal Considerations

### 13.1. Waste treatment methods

Sewage Disposal Recommendations:	Do not empty into drains; dispose of this material and its container in a safe way.
Waste Disposal Recommendations:	Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

## Section 14: Transportation Information

In Accordance with DOT:	Not regulated for transport
In Accordance with IMDG:	Not regulated for transport
In Accordance with IATA:	Not regulated for transport
In Accordance with TDG:	Not regulated for transport

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## Section 15: Regulatory Information

### 15.1 United States Federal Regulations

SDS complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

**Disodium carbonate (497-19-8):** Listed on the United States TSCA (Toxic Substances Control Act) inventory  
SARA Section 311/312 Hazard Classes: Immediate (acute) health hazard

**Feldspar (68476-25-5):** Listed on the United States TSCA (Toxic Substances Control Act) inventory

**Limestone (1317-65-3):** Listed on the United States TSCA (Toxic Substances Control Act) inventory

**Benzenesulfonic acid, C10-16-alkyl derivs. (68584-22-5):**  
Listed on the United States TSCA (Toxic Substances Control Act) inventory

### 15.2. US State Regulations

**Disodium carbonate (497-19-8)** U.S. - Texas - Effects Screening Levels - Long Term

**Feldspar (68476-25-5)** U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term

**Limestone (1317-65-3)** U.S. - Idaho - Occupational Exposure Limits - TWAs  
U.S. - Massachusetts - Right to Know List  
U.S. - Michigan - Occupational Exposure Limits - TWAs  
U.S. - Minnesota - Hazardous Substance List  
U.S. - Minnesota - Permissible Exposure Limits - TWAs  
U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - New York - Occupational Exposure Limits - TWAs  
U.S. - Oregon - Permissible Exposure Limits - TWAs  
U.S. - Pennsylvania - RTK (Right to Know) List  
U.S. - Tennessee - Occupational Exposure Limits - TWAs  
U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term  
U.S. - Vermont - Permissible Exposure Limits - TWAs  
U.S. - Washington - Permissible Exposure Limits - STELs  
U.S. - Washington - Permissible Exposure Limits – TWAs

California Proposition 65: (February 25, 2022) Not Listed  
Chemical Listed As Carcinogen or Potential Carcinogen: None

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## Section 16: Other Information

Label Information: Cleaning compound

### Abbreviations used in this document

NE= Not established

NA= Not applicable

NIF= No Information Found

ND= No Data

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### Disclaimer

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