



### Safety Data Sheet

**Product No. 17385 PELCO Kleenasonic™ APC Ultrasonic Cleaning**

**Detergent**

**Issue Date (10-21-13)**

**Review Date (11-21-14)**

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#### Section 1: Product and Company Identification

**Product Name: PELCO Kleenasonic™ APC Ultrasonic Cleaning Detergent**

Synonym: None

**Company Name**

**Ted Pella, Inc., P.O. Box 492477, Redding, CA 96049-2477**

**Domestic Phone (800) 237-3526 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)**

**International Phone (01) (530) 243-2200 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)**

**Chemtrec Emergency Number 1-800-424-9300 24 hrs a day.**

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#### Section 2: Hazard Identification

GHS Pictograms:

GHS Categories:



#### **DANGER:**

**Health Effects:** Warning, causes eye irritation. Causes mild skin irritation. May be harmful if swallowed, inhaled, or in contact with skin.

#### **GHS Classifications:**

H303: Acute toxicity Oral : Category 5

H333: Acute toxicity Inhalation : Category 5

H316: Skin corrosion / Skin irritation : Category 3

H319: Serious eye damage / Eye irritation : Category 2A

#### **Precautionary Statements**

P264 Wash thoroughly after handling.

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

P304 + P312 If inhaled, call a physician if you feel unwell.

P305 + P351 + P338 If in eyes, rinse cautiously with water for several minutes.

P332 + P313 If skin irritation occurs, get medical advice/attention.

P337 + P313 If eye irritation persists, get medical advice/attention.

NFPA Hazard Rating: Health: 1; Fire: 0; Reactivity: 0

HMIS Hazard Rating: Health: 1; Fire: 0; Reactivity: 0

(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

Emergency overview

Appearance: Liquid

Immediate effects: Causes eye irritation, and mild skin irritation.

**Potential health effects**

Primary Routes of entry: Ingestion, Skin and eye contact.

Signs and Symptoms of Overexposure: Overexposure to mist can cause tissue damage, especially to eyes and lungs.

Eyes: Causes eye irritation.

Skin: Causes mild skin irritation.

Ingestion: May be harmful if swallowed.

Inhalation: May be harmful if inhaled.

Chronic Exposure: NIF

Chemical Listed As Carcinogen Or Potential Carcinogen:

See Toxicological Information (Section 11)

**Potential environmental effects**

See Ecological Information (Section 12)

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**Section 3: Composition / Information on Ingredients**

<b>Principle Hazardous Component(s) (chemical and common name(s)) (Cas. No)</b>	<b>%</b>	<b>OSHA PEL mg/m<sup>3</sup></b>	<b>ACGIH TLV mg/m<sup>3</sup></b>	<b>NTP</b>	<b>IARC</b>	<b>OSHA regulated</b>
Tetrapotassium Pyrophosphate (7320-34-5)	1-5	NE	NE	No	No	No
EDTA Tetra sodium salt (64-02-8)	1-5	NE	NE	No	No	No
Trisodium phosphate (7758-29-4)	1-5	NE	NE	No	No	No
Sodium xylene sulfonate (1300-72-2)	1-5	NE	NE	No	No	No
Hydroxycellulose (9004-62-0)	1-5	NE	NE	No	No	No
Surfactant (68442-69-3)	1-5	NE	NE	No	No	No
Non-ionic Detergent (68131-40-8)	1-5	NE	NE	No	No	No
Detergent (9016-45-9)	1-5	NE	NE	No	No	No
Butyl Cellosolve (111-76-2)	5-10	50 PPM	20 PPM	No	No	No
Water (7732-18-5)	>65	NE	NE	No	No	No

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**Section 4: First Aid Measures**

**If accidental overexposure is suspected**

Eye(s) Contact: Flush with copious amounts of water for at least 15 minutes, while lifting both eyelids occasionally. Contact a physician

Skin Contact: Flush with water.

Inhalation: Remove to fresh air. If not breathing, administer artificial respiration. Contact a physician.

Ingestion: Do not induce vomiting. Contact a physician

**Note to physician**

Treatment: ND

Medical Conditions generally Aggravated by Exposure: ND

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**Section 5: Fire Fighting Measures**

Flash Point: NE

Flammable Limits: Non-flammable. NA

Auto-ignition point: NA

Fire Extinguishing Media: Water spray or fog, Carbon dioxide or dry chemical.

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: ND

Hazardous combustion products: ND

DOT Class: Non-hazardous

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**Section 6: Accidental Release Measures**

Steps to be Taken in Case Material is Released or Spilled: Ventilate area of leak or spill.

Dike and cover the contaminated areas with absorbent, non-combustible material such as earth, sand, or vermiculite.

Waste Disposal Methods: Dispose of waste according to Federal, State and Local Regulations.

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**Section 7: Handling and Storage**

Precautions to be taken in Handling and Storage: Wash thoroughly after handling.

Remove contaminated clothing and wash before re-use. Do not breathe mist or vapor.

Do not expose eyes, skin, or clothing. Keep container closed tightly. Use with adequate ventilation or respiratory protection. Do not store near combustibles or in direct sunlight. Store in a cool, dry, well-ventilated area away from incompatible substances. Separate from strong acids.

Storage temperature: Room Temperature.

Storage Pressure: NA

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**Section 8: Exposure Controls / Personal Protection**

**Engineering Controls**

Ventilation required: Where adequate ventilation is not available, use NIOSH approved vapor respirator with dust, fume and mist filters. Local ventilation through fume hoods or laminar flow stations is also preferred. Keep fumes away from strong bases.

**Personal Protection Equipment**

Respiratory protection: Not normally needed under normal usage. Avoid mist.

Protective gloves: Skin contact should be minimized through use of rubber gloves.

Skin protection: Wear protective clothing as needed.  
Eye protection: Safety goggles / face shield  
Additional clothing and/or equipment: Eye wash station

### **Exposure Guidelines**

See Composition/Information on Ingredients (Section2)

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### **Section 9 Physical and Chemical Properties**

Appearance and Physical State: Clear, off white liquid.

Odor (threshold): Mild soapy, sweet.

Specific Gravity (H<sub>2</sub>O=1): 1.05 g/cc

Vapor Pressure (mm Hg): NA

Vapor Density (air=1): NA

Percent Volatile by volume: >70%

Evaporation Rate (Water = 1): >1

Boiling Point: ~100 °C (water)

Freezing point / melting point:~ 0 °C

pH: >11

Solubility in Water: Soluble

Molecular Weight: NA

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### **Section 10: Stability and Reactivity**

Stability: Stable.

Conditions to Avoid: Excess heat, light, damp confined spaces.

Materials to Avoid (Incompatibility): Strong acids; oxidizers, alkali.

Hazardous Decomposition Products: Carbon and carbon oxides; ammonia.

Hazardous Polymerization: Will not occur.

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### **Section 11: Toxicological Information**

Results of component toxicity test performed:

EDTA: 2.0 g/kg (oral, rat) LD50

Trisodium Phosphate: 7400 mg/kg (oral, rat) LD50

Sodium Xylene Sulfonate: 70 g/kg (oral, rat) LD50

Human experience: ND

This product **does not** contain any compounds listed by NTP or IARC or regulated by OSHA as a carcinogen.

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### **Section 12: Ecological Information**

Ecological Information: Trisodium Phosphate: LC50, Western Mosquito fish, 150 mg/L/96 hr

Sodium Xylene Sulfonate: EC50, Water flea, 2564 mg/L/48 hr.

Ecotoxicity : Biologic effects: This product will cause aquatic harm by raising the pH of affected waters.

Bioaccumulation : There is no evidence of bioaccumulation.

Chemical Fate Information: ND

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### **Section 13 Disposal Considerations**

RCRA 40 CFR 261 Classification: None.

Federal, State and local laws governing disposal of materials can differ. Ensure proper disposal compliance with proper authorities before disposal.

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### **Section 14: Transportation Information**

Non-hazardous/non-regulated.

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### **Section 15: Regulatory Information**

#### **United States Federal Regulations**

MSDS complies with OSHA's Hazard Communication Rule 29, CFR 1910.1200.

SARA: NIF

SARA Title III: NIF

RCRA: NIF

TSCA: All ingredients of this product are listed on the US TSCA inventory under their parent anhydrous compounds

CERCLA: Trisodium phosphate (7758-29-4): RQ = 5000 lbs (2270 Kg)

#### **State Regulations**

California Proposition 65: None listed.

#### **International Regulations**

Canada WHMIS: NIF

Europe EINECS Numbers: ND

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### **Section 16: Other Information**

Label Information: May cause irritation to eye and skin. Harmful if ingested.

European Risk and Safety Phrases: R21/22: Harmful in contact with skin and if swallowed.

European symbols needed: ND

Canadian WHMIS Symbols: ND

#### **Abbreviations used in this document**

NE= Not established

NA= Not applicable

NIF= No Information Found

ND= No Data

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### **Disclaimer**

Ted Pella, Inc. makes no warranty of any kind regarding the information furnished herein. Users should independently determine the suitability and completeness of information from all sources. While this data is presented in good faith and believed to be accurate, it should be considered only as a supplement to other information gathered by the user. It is the User's responsibility to assure the proper use and disposal of these materials as well as the safety and health of all personnel who may work with or otherwise come in contact with these materials.