

Safety Data Sheet

Product No. 17388 PELCO Kleenasonic™ WRS Stripper

Issue Date (10-01-13)

Review Date (08-31-17)

Section 1: Product and Company Identification

Product Name: PELCO Kleenasonic™ WRS Stripper

Synonym:

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

Section 2: Hazard Identification

GHS Pictograms:



GHS Categories:

GHS Classifications:

GHS05: Corrosive: May be corrosive to metals.

GHS07: Irritant: Harmful if swallowed or in contact with eyes or skin. Causes skin irritation and serious eye irritation.

Signal Word: Warning

Hazard Statements:

H290: Corrosive to Metals: Class I

H302: Acute toxicity: Oral: Category 4

H315: Skin corrosion/Skin irritation: Category 2

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

Precautionary Statements:

P234: Keep only in original container.

P264: Wash thoroughly after handling.

P270: Do not eat, drink, or smoke when using this product.

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

P301 + P312: If swallowed, call a physician if you feel unwell.

P302 + P352: If on skin, wash with plenty of water. Remove contact lenses if present and easy to do so. Continue rinsing.

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

P330: Rinse mouth.

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

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

P362 + P364: Take off contaminated clothing and wash it before reuse.
 P390: Absorb spillage to prevent material damage.
 P406: Store in corrosive resistant container.
 P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Health Effects:

NFPA Hazard Rating: Health: 2; Fire: 0; Reactivity: 0
 HMIS® Hazard Rating: Health: ND; Fire: ND; Reactivity: ND
 (0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

Results of PBT and vPvB assessment: A chemical safety assessment has not been carried out.

PBT: ND

vPvB: ND

Emergency overview:

Appearance: White powder

Immediate effects: Caustic, irritating effects to skin and mucous membranes.

Potential health effects

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

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

Eyes: Causes eye irritation.

Skin: Causes skin irritation.

Ingestion: GI upset.

Inhalation: May cause irritation or tissue damage to throat and lungs.

Chronic Exposure: Overexposure to mist can cause tissue damage, especially to eyes and lungs.

Chemical Listed As Carcinogen Or Potential Carcinogen: No

See Toxicological Information (Section 11)

Potential environmental effects

See Ecological Information (Section 12)

Section 3: Composition / Information on Ingredients

Principle Hazardous Component(s) (chemical and common name(s)) (Cas. No)	%	OSHA PEL mg/m3	ACGIH TLV mg/m3	NTP Carcinogen	IARC Carcinogen	OSHA regulated Carcinogen
Sodium Metasilicate* Pentahydrate (10213-79-3) EINECS: 229-912-9	> 96	5	10	No	No	No
Sodium Tripolyphosphate (7758-29-4) EINECS: 231-838-7	<3	NE	244 ppm	No	No	No

Tetrasodium pyrophosphate (7722-88-5) EINECS: 231-767-1	<1	NE	NE	No	No	No
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*Sodium Metasilicate, Anhydrous [6834-92-0]

*Sodium Metasilicate Pentahydrate [10213-79-3]

Section 4: First Aid Measures

If accidental overexposure is suspected

Eye(s) Contact: Flush eyes immediately with water for at least 15 minutes. Get medical attention.

Skin Contact: Flush immediately with water for at least 15 minutes. Wash clothes before reuse.

Inhalation: Remove victim to fresh air. Administer oxygen if breathing is difficult.

Ingestion: Seek medical attention.

Note to physician

Treatment: ND

Medical Conditions generally Aggravated by Exposure: ND

Section 5: Fire Fighting Measures

Flash Point: ND

Flammable Limits: ND

Auto-ignition point: ND

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

Special Fire Fighting Procedures: None.

Unusual Fire and Explosion Hazards: None known.

Hazardous combustion products: Carbon monoxide/dioxide.

DOT Class: Corrosive solid, basic, inorganic, n.o.s. (contains Sodium Metasilicate)

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.

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.

Storage temperature: Room temperature, cool, dry, well-ventilated area.

Storage Pressure: ND

Section 8: Exposure Controls / Personal Protection

Engineering Controls

Ventilation required: Local ventilation through fume hoods or laminar flow stations is also preferred. Keep fumes away from strong bases.

Personal Protection Equipment

Respiratory protection: Where adequate ventilation is not available, use NIOSH approved vapor respirator with dust, fume and mist filters.

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

Skin protection: Appropriate protective clothing.

Eye protection: Safety goggles / face shield.

Additional clothing and/or equipment: Steel tipped shoes/eye wash station/chemical safety chemical retardant

clothing.

Exposure Guidelines

See Composition/Information on Ingredients (Section 3)

Section 9 Physical and Chemical Properties

Appearance and Physical State: White powder.

Odor (threshold): Mild/musty.

Specific Gravity (H₂O=1): 0.9 g/cc

Vapor Pressure (mm Hg): ND

Vapor Density (air=1): ND

Percent Volatile by volume: ND

Evaporation Rate (butyl acetate=1): < 1

Boiling Point: Will not boil.

Melting point: 160 °C

pH: < 13 when dissolved.

Solubility in Water: Completely miscible in water.

Molecular Weight: ND

Section 10: Stability and Reactivity

Stability: Stable under recommended storage conditions.

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

Materials to Avoid (Incompatibility): Metals, alkalis, organics.

Hazardous Decomposition Products: Carbon and phosphorus oxides.

Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information

Results of component toxicity test performed:

Acute: LD50 (oral, rat): 1200 mg/kg

Human experience: ND

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

Section 12: Ecological Information

Ecological Information: No evidence of bio accumulation.

Chemical Fate Information: ND

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.

Section 14: Transportation Information

Ship Ground as ORM-D

For Air Shipment is classified as Dangerous Goods:

US DOT Information: Proper shipping name: Corrosive solid, basic, inorganic, n.o.s. (contains Sodium Metasilicate Pentahydrate)

Hazard Class: 8

Packaging group: III

UN Number: UN3262

IATA: Proper shipping name: Corrosive solid, basic, inorganic, n.o.s. (contains Sodium Metasilicate Pentahydrate)

Hazard Class: 8

Packing group: III

UN Number: UN3262

Marine Pollutant:

Canadian TDG: Corrosive solid, basic, inorganic, n.o.s. (contains Sodium Metasilicate Pentahydrate)

Section 15: Regulatory Information

United States Federal Regulations

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

SARA: Substance is not listed.

SARA Title III: Substance is not listed

RCRA: Substance is not listed

TSCA: All components are listed on the TSCA public inventory.

CERCLA: Substance is not listed

State Regulations

California Proposition 65: Substance is not listed

International Regulations

Canada WHMIS: ND

Europe EINECS Numbers:

Sodium Metasilicate Pentahydrate (10213-79-3) EINECS: 229-912-9

Sodium Tripolyphosphate (7758-29-4) EINECS: 231-838-7

Tetrasodium pyrophosphate (7722-88-5) EINECS: 231-767-1

Section 16: Other Information

Label Information: Corrosive, Irritant

European Risk and Safety Phrases: R21/22: Harmful in contact with skin and if swallowed. R41: Risk of serious eye damage. S17: Keep away from combustible material.

European symbols needed: C, Xi

Canadian WHMIS Symbols: ND

Abbreviations used in this document

NE= Not established

NA= Not applicable

NIF= No Information Found

ND= No Data

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.