



### Material Safety Data Sheet

Product No. 895-30, 895-35, 895-36, 895-37, 895-38, 895-39 Diamond Polishing Pump Sprays, Water Based, 0.25, 0.5, 1, 3, 5 µm

Issue Date (03-17-09)

Review Date (06-01-12)

#### Section 1: Product and Company Identification

**Product Name: Diamond Polishing Pump Sprays, Water Based**

Synonym: NA

Chemical family: Organic Esters and Lubricants

**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.

#### Section 2: Composition / Information on Ingredients

Principle Component(s) (chemical and common name(s)) (Cas. No)	%	OSHA PEL mg/m3	ACGIH TLV mg/m3	NTP	IARC	OSHA regulated
*Blend of Esters and Ethers (None)	ND	NE	NE	No	No	No
*Diamond (7782-40-3)	ND	15	10	No	No	No

\* Non-hazardous materials

#### Section 3: Hazard Identification

##### Emergency overview

Appearance: Various colors, (0.25 µm) gray, (0.5 µm) gray, (1 µm) ivory, (3 µm) yellow, (6 µm) orange, suspension.

Immediate effects: ND

##### Potential health effects

Primary Routes of entry:

Signs and Symptoms of Overexposure: May cause nausea and diarrhea if swallowed. Causes severe irritation of the eyes. May cause slight skin irritation.

Eyes: Causes severe irritation of the eyes

Skin: May cause slight skin irritation.

Ingestion: May cause nausea and diarrhea if swallowed.

Inhalation: ND

Chronic Exposure: ND

Chemical Listed As Carcinogen Or Potential Carcinogen: None listed

See Toxicological Information (Section 11)

##### Potential environmental effects

See Ecological Information (Section 12)

#### Section 4: First Aid Measures

**If accidental overexposure is suspected**

Eye(s) Contact: Flush with water for 15 minutes. If irritation persists seek medical attention.

Skin Contact: Wash immediately with soap and water.

Inhalation: ND

Ingestion: Give two glasses of water and induce vomiting

**Note to physician**

Treatment: ND

Medical Conditions generally Aggravated by Exposure: ND

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**Section 5: Fire Fighting Measures**

Flash Point: 240 ° F (Method C.O.C)

Flammable Limits: ND

Auto-ignition point: 442 °F (228 °C)

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

Special Fire Fighting Procedures: Use self contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards: None known

Hazardous combustion products: Carbon dioxide and carbon monoxide.

DOT Class: Not regulated

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**Section 6: Accidental Release Measures**

Steps to be Taken in Case Material is Released or Spilled:

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: Avoid contact with skin and eyes. Avoid breathing mist. Keep out of reach of children.

Storage temperature: Room temperature.

Storage Pressure: NA

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

**Engineering Controls**

Ventilation required: Good room ventilation.

**Personal Protection Equipment**

Respiratory protection: None required in normal use (low temperatures)

Protective gloves: Impervious gloves

Skin protection: Protective clothing.

Eye protection: Safety goggles.

Additional clothing and/or equipment: NIF

**Exposure Guidelines**

See Composition/Information on Ingredients (Section2)

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**Section 9 Physical and Chemical Properties**

Appearance and Physical State: Blue clear liquid.

Odor (threshold): Ester odor.

Specific Gravity (H<sub>2</sub>O=1): 0.9550

Vapor Pressure (mm Hg): 0.01

Vapor Density (air=1): 5.6

Percent Volatile by volume: ND

Evaporation Rate (butyl acetate=1): ND

Boiling Point: 447 °F

Freezing point / melting point: ND

pH: ND  
Solubility in Water: Disperses.  
Molecular Weight: NA

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

Stability: Stable  
Conditions to Avoid: High heat  
Materials to Avoid (Incompatibility): Avoid contamination with alkali at elevated temperatures.  
Hazardous Decomposition Products: Oxides of carbon when heated to decomposition.  
Hazardous Polymerization: Will not occur.

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

Results of component toxicity test performed: None  
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: ND  
Chemical Fate Information: ND

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### **Section 13 Disposal Considerations**

RCRA 40 CFR 261 Classification: ND  
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**

US DOT Information: Proper shipping name: Not regulated.  
IATA: Proper shipping name: Not regulated.  
IMO: Proper shipping name: Not regulated.  
Marine Pollutant: None listed  
Canadian TDG: Not 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: None  
SARA Title III: None  
RCRA: No  
TSCA: ND  
CERCLA: None listed

#### **State Regulations**

California Proposition 65: None listed

#### **International Regulations**

Canada WHMIS: ND  
Europe EINECS Numbers: ND

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

Label Information: Avoid contact with skin and eyes.  
European Risk and Safety Phrases: ND  
European symbols needed: ND

Canadian WHMIS Symbols: ND

Hazard Rating: Health: **NE**; Fire: **NE**; Reactivity: **NE**  
(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

**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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