



## Material Safety Data Sheet

Product No. 895-25, 895-26 Diamond Polishing Extender Fluid

Issue Date (06-04-07)

Review Date (06-01-12)

### Section 1: Product and Company Identification

**Product Name: Diamond Polishing Extender Fluid**

Synonym: Extender lapping Oil

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/m <sup>3</sup>	ACGIH TLV mg/m <sup>3</sup>	NTP	IARC	OSHA regulated
*Blend of Esters and Ethers (None)	ND	NE	NE	No	No	No

\* Non-hazardous materials

### Section 3: Hazard Identification

**Emergency overview**

Appearance: Blue clear liquid

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

---

**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

---

**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.

---

**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

---

**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)

---

**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

---

## **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.

---

## **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.

---

## **Section 12: Ecological Information**

Ecological Information: ND

Chemical Fate Information: ND

---

## **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.

---

## **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.

---

## **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

---

## **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

---

**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.

MSDS Form 0013F1 V2