

Material Safety Data Sheet

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

Issue Date (06-04-07)

Review Date (09-19-17)

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

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: 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

* 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 (Section 2)

Section 9 Physical and Chemical Properties

Appearance and Physical State: Blue clear liquid.

Odor (threshold): Ester odor.

Specific Gravity (H₂O=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