

Safety Data Sheet

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

Issue Date (06-04-07)

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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

GHS Pictograms



GHS07: Harmful

Signal Word: WARNING

GHS Classification

Health Hazard Skin Sensitization Category 1

Hazard Statements:

H313 May be Harmful in Contact with Skin

H315 Causes Skin Irritation

Precautionary Statements:

P202 Do not handle until all safety precautions have been read and understood.

P233 Keep container tightly closed.

P264 Wash thoroughly after handling.

P281 Wear protective gloves, clothing, eye and face protection.

Precautionary Response:

P305 IF IN EYES: Rinse cautiously with water or 15 minutes

P303 + P332 IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice.

Take off contaminated clothing and wash it before reuse.

IDLH (Immediate Danger to Life and Health): NONE

Section 3: Hazard Identification

The terms “hazardous” and hazardous materials” as used within this SDS (EU-MSD) should be interpreted as defined by, and accordance with, the OSHA Hazard Communication Standard (29 CFR 1910:1200) and the EU Occupational Exposure Limits (OEL) REGULATION (EU) No. 1272/2008 including cited Appendices, Lists, References, etc., all of which are hereby incorporated by reference and stated below as appropriate.

<u>Substance</u>	<u>CAS Number</u>	<u>EC Number</u>	<u>Percentage by Weight</u>
Polypropylene Glycol	25322-69-4	500-039-8	5.0% - 40.0%
Proprietary Non-Hazardous Ingredients	NA	NA	60.0% - 95.0%
Proprietary Non-Hazardous Dye	NA	NA	0.0% 1.0%

Hazardous Mixtures: None

OECD SIDS documents published by UNEP Chemicals in response to its mandate to facilitate the access to information needed for health and environmental risk assessment of chemicals. The documents contain the information gathered and an initial assessment performed under the framework of the OECD HPV Chemicals Program.

Section 4: First Aid Measures

First-aid measures general:	If medical advice is needed, have product container or label at hand.
First-aid measures after inhalation:	If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing if breathing difficulty persists.
First-aid measures after skin contact:	Rinse immediately with plenty of water. Gently wash with plenty of soap and water. Obtain medical attention if irritation persists.
First-aid measures after eye contact:	Immediately rinse with water for a prolonged period while holding the eyelids wide open. Seek medical attention if material is embedded in eye. If eye irritation persists: Get medical advice and attention.
First-aid measures after ingestion:	If swallowed, do NOT induce vomiting; seek medical advice immediately and show this container or label. Drink 1 or 2 glasses of water. If vomiting occurs, keep head low so that stomach content does not get into the lungs.
Symptoms/Injuries:	Repeated or prolonged inhalation may damage lungs.
Symptoms/Injuries after inhalation:	May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing.
Symptoms/Injuries after skin contact:	Prolonged contact with large amounts of dust may cause mechanical irritation. Dust may cause irritation in skin folds or by contact in combination with tight clothing.
Symptoms/Injuries after eye contact:	Redness, pain
Symptoms/Injuries after ingestion:	Abdominal pain.
Chronic symptoms:	Respiratory difficulties

Section 5: Fire Fighting Measures

Fire Hazard:	Will not burn
Extinguishing Media:	Use ABC type fire extinguisher for surrounding fire.
Special Firefighting Procedures:	None
Unusual Fire & Explosion Hazards:	None
Reactivity:	Keep away from strong oxidizing agents and from heat and ignition sources.
Protective Equipment for Firefighting:	Self-Contained Breathing Apparatus and clothing for chemical fires.
Protection during Firefighting:	Use normal individual fire protective equipment

Section 6: Accidental Release Measures

Personal Precautions/Protective Equipment:

Do not touch damaged containers or spilled material unless wearing appropriate protective equipment.

Environmental Precautions:

Prevent further leakage or spillage and comply with local, state and federal regulations.

Methods/Materials for Containment & Clean-up:

If product has dried, avoid generation of dust during clean-up of spills. Recover the dried product by vacuuming, shoveling or sweeping. Vacuum must be fitted with HEPA filter to prevent release of particulates during clean-up. Liquid product can be wiped or mopped and disposed of accordingly.

Section 7: Handling and Storage

Precautions for Safe Handling:

Wear suitable protective clothing, gloves and eye/face protection. If airborne dust is generated, use the appropriate NIOSH approved respiratory protection.

Conditions for Safe Storage:

Store in original tightly closed container. Keep away from food, drink and animal stuffs. Use care in handling/storage. Store in accordance with local/regional/national/international regulations.

Section 8: Exposure Controls / Personal Protection

Control Parameters: Use in accordance with safest practices.

- TLV: Threshold Limit Value of a chemical substance is a level to which it is believed a worker can be exposed day after day for a working lifetime without adverse health effects.
- TWA: (Time Weighted Average –TLV-TWA): average exposure on the basis of a 8h/day, 40h/week work schedule.
- STEL: (Short Term Exposure Level) is an employee's 15-minute time weighted average exposure at any time during a work day and cannot be repeated more than 4 times in a day.

Personal Protective Equipment:

Use chemical goggles or safety glasses and chemical resistant gloves while handling under normal conditions.



Respiratory Protection:

Use an appropriate NIOSH approved respirator if airborne dust concentrations exceed the appropriate PEL or TLV. All requirements set forth in 29 CFR 1910.134 must be met.

Protective Gloves: Nitrile gloves are recommended.

Ventilation: Provide adequate general and local exhaust ventilation.

Eye Protection: Chemical/splash goggles are recommended. Eye wash station must be present.

Other Equipment: None

Section 9 Physical and Chemical Properties

Appearance & Odor:	Liquid, Slightly Sweet
Color:	Green
Physical State:	Liquid
pH:	8.6 – 9.8
Viscosity:	Not Available
Specific Gravity:	Not Available
Vapor Density:	Not Available
Vapor Pressure:	Not Available
Melting Point:	Not Applicable
Boiling Point:	Not Available
Flash Point:	Not Applicable
Freezing Point:	< 0° C
Percent Volatility:	Not Applicable
Evaporation Rate : (baC=1)	Not Available
Solubility in Water:	Completely Soluble
Solubility in Oil:	Not Available
Solubility in Solvents:	Not Available

Section 10: Stability and Reactivity

Reactivity:	Hazardous reaction will not occur under normal conditions
Stability:	This composition is stable under normal conditions.
Incompatibility (materials to avoid):	Strong Oxidizers
Hazardous Decomposition Products:	Carbon and Nitrogen Oxides
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Extreme Temperature

Section 11: Toxicological Information

Acute Toxicity:	May cause irritation or burns to eyes, skin and respiratory system
Skin Corrosion/Irritant:	Irritating to skin
Serious Eye Damage/Irritant:	Minimal risk to eyes
Respiratory/Skin Sensitization:	Not Classified
Germ Cell Mutagenicity:	Not Classified
Carcinogenicity:	Not Classified
Reproductive Toxicity:	Not Classified
Target Organ Toxicity: (Single Exposure)	May cause skin irritation
Target Organ Toxicity: (Repeated Exposure)	May cause skin irritation
Aspiration Hazard:	Not Classified
Teratogenicity:	Not Classified

Section 12: Ecological Information

Ecotoxicity:	This product is not expected to be toxic to the environment. Adopt environmental controls to prevent the product from being released into the environment.
Persistence and Degradability:	Readily biodegradable
Bioaccumulation Potential:	Not expected to bio-accumulate
Mobility in Soil:	No information available
Other Adverse Effects:	No information available

Section 13 Disposal Considerations

If product has dried, you may moisten product to be swept or mopped.
Dispose in a safe manner in accordance with local, state and federal regulations.

Section 14: Transportation Information

US DOT Classification:	Non-regulated
IMO Classification:	Non-regulated
IATA Classification:	Non-regulated
Proper Shipping Name:	Consumer Commodity
UN Number:	Non-regulated
Packing Group:	Non-regulated
Label:	Non-regulated
Reportable Quantity:	Non-regulated
Hazard Class:	Non-regulated

Section 15: Regulatory Information

United States Federal Regulations

Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA):

No reportable quantity for this product.

Toxic Substances Control Act (TSCA):

All of the components of this material are listed on the TSCA Chemical Substances Inventory.

Clean Water Act (CWA):

None listed under sections of the Clean Water Act. Contact your local/state authorities to determine if substances are regulated under their jurisdiction.

Clean Air Act (CAA):

None listed under various sections of the Clean Air Act. Contact your local/state authorities to determine if substances are regulated under their jurisdiction.

Superfund Amendments and Reauthorization Act (SARA) Title III Information:

This product does not contain chemicals subject to annual release reporting requirements under SARA Title III, Section 313 (40 CFR 372).

European/International Regulations:

Control of Substances Hazardous to Health (COSHH):

Component(s) are listed under various sections of the COSHH regulation. Contact your local/state authorities to determine if substances are regulated under their jurisdiction.

Scottish Environmental Protection Agency (SEPA):

Component(s) are listed under various sections of the SEPA regulation. Contact your local/state authorities to determine if substances are regulated under their jurisdiction.

Canada:

Contact your local/state authorities to determine if substances are regulated under their jurisdiction.

Hazard Classification:

European Union Directives 67/548/EEC and 1999/45/EC

Safety Phases: S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

U.S. State Regulatory Information:

The components of this product is covered under specific State regulations, as denoted below:

California Proposition 65: This product does not contain chemical regulated under California Proposition 65.

New Jersey – Right to Know Substance List: Not regulated

International Air Transport Authority (IATA): Not regulated

Section 16: Other Information

- NFPA Health Hazard:** 1. Exposure would cause irritation with only minor residual injury
- NFPA Fire Hazard:** 0. Material that will not burn
- NFPA Reactivity:** 0. Typically stable, even under fire exposure conditions, and are not reactive with water



HMIS III Rating

- Health 1 – Irritation or minor reversible injury possible
- Flammability 0
- Physical 0
- Personal Protection B

Abbreviations used in this document

- NE= Not Established
- NA= Not Applicable
- NIF= No Information Found
- ND= No Data

Disclaimer

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