Section 1: Product and Company Identification
Product Name: Poly-L-Lysine Solution
Synonym: Poly-L-lysine, polylysine
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

2.1 Classification of the substance or mixture
GHS Pictograms: NA
GHS Categories: Not a hazardous substance or mixture.

2.2 Label elements
Hazard pictograms: NA
Signal word: NA
Hazard statements: NA
Precautionary statements: NA

2.3 Other hazards
Health Effects:
Hazard Rating: Health: 0; Fire: 0; Reactivity: 0
(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
PBT: ND
vPvB: ND

Emergency overview
Appearance: Liquid
Immediate effects: ND

Potential health effects
Primary Routes of entry: Eyes, skin, ingestion, and inhalation
Signs and Symptoms of Overexposure: ND
Eyes: ND
Skin: ND
Ingestion: ND
Inhalation: ND
Chronic Exposure: ND
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

<table>
<thead>
<tr>
<th>Principle Component(s)</th>
<th>%</th>
<th>OSHA PEL mg/m³</th>
<th>ACGIH TLV mg/m³</th>
<th>NTP</th>
<th>IARC</th>
<th>OSHA regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not hazardous Mixtures*</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
</tr>
</tbody>
</table>

*No components need to be disclosed according to the applicable regulations.

Section 4: First Aid Measures
If accidental overexposure is suspected
Eye(s) Contact: Flush eyes with water as a precaution.
Skin Contact: Wash off with soap and plenty of water.
Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration.
Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.

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: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special Fire Fighting Procedures: Wear self-contained breathing apparatus for firefighting if necessary.
Unusual Fire and Explosion Hazards: ND
Hazardous combustion products: ND
DOT Class: Not hazardous

Section 6: Accidental Release Measures
Steps to be Taken in Case Material is Released or Spilled: Avoid breathing vapors, mist or gas. Do not let product enter drains. Keep in suitable, closed containers for disposal.
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: Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Storage temperature: Store in cool place.
Storage Pressure: NA

Section 8: Exposure Controls / Personal Protection
Engineering Controls
Ventilation required: ND

Personal Protection Equipment
Respiratory protection: Respiratory protection not required.
Protective gloves: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove’s outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Skin protection: Impervious clothing, Eye protection: Use equipment for eye protection tested and approved under appropriate government standards Additional clothing and/or equipment: ND

**Exposure Guidelines**
See Composition/Information on Ingredients (Section 3)

**Section 9 Physical and Chemical Properties**
Appearance and Physical State: Liquid
Odor (threshold): ND
Specific Gravity (H₂O=1): ND
Vapor Pressure (mm Hg): ND
Vapor Density (air=1): ND
Percent Volatile by volume: ND
Evaporation Rate (butyl acetate=1): ND
Boiling Point: ND
Freezing point / melting point: ND
pH: ND
Solubility in Water: ND
Molecular Weight: ND

**Section 10: Stability and Reactivity**
Stability: Stable under recommended storage conditions.
Conditions to Avoid: ND
Materials to Avoid (Incompatibility): ND
Hazardous Decomposition Products: ND
Hazardous Polymerization: ND

**Section 11: Toxicological Information**
Results of component toxicity test performed: ND
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:
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 dangerous goods
IATA: Proper shipping name: Not dangerous goods
Marine Pollutant: No
Canadian TDG: Not dangerous goods
Section 15: Regulatory Information
United States Federal Regulations
SARA: ND
SARA Title III: ND
RCRA: ND
TSCA: ND
CERCLA: ND
State Regulations
California Proposition 65: None listed

Section 16: Other Information
Label Information: ND
European Risk and Safety Phrases: ND
European symbols needed: ND
Canadian WHMIS Symbols: ND
Abbreviations used in this document
NE= Not established
NA= Not applicable
NIF= No Information Found
ND= No Data

Disclaimer
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