

**Material Safety Data Sheet**

**Product No. 891-2, Apiezon® L Grease**  
**Issue Date (07-01-02) Review Date (11-15-02)**

**Section 1: Product and Company Identification**

**Product Name: Apiezon® L Grease**

Synonym: Apiezon® L Grease

**Company Name**

**Ted Pella, Inc. and PELCO International, P.O. Box 492477, Redding, CA 96049-2477**

**Domestic Phone (800) 247-3526 (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**

<b>Principle Hazardous Component(s) (chemical and common name(s)) (Cas. No)</b>	<b>%</b>	<b>OSHA PEL mg/m<sup>3</sup></b>	<b>ACGIH TLV mg/m<sup>3</sup></b>	<b>NTP</b>	<b>IARC</b>	<b>OSHA regulated</b>
Hydrocarbon Grease (None)		ND	ND	ND	ND	ND

**Section 3: Hazard Identification**

**Emergency overview**

Appearance: Yellow semi solid

Immediate effects: This product is not classified as hazardous.

**Potential health effects**

Primary Routes of entry: Skin

Signs and Symptoms of Overexposure: Acute

Eyes: May cause transient irritation.

Skin: ND

Ingestion: May cause nausea, vomiting and diarrhoea.

Inhalation: Low volatility makes inhalation unlikely.  
Chronic Exposure: Skin; Repeated and prolonged skin contact may cause skin disorders.  
Chemical Listed As Carcinogen Or Potential Carcinogen: None  
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: Irrigate with copious quantities of water.

Skin Contact: None envisaged.

Inhalation: None envisaged.

Ingestion: Do not induce vomiting. Obtain medical attention

**Note to physician**

Treatment: NIF

Medical Conditions generally Aggravated by Exposure: NIF

---

**Section 5: Fire Fighting Measures**

Flash Point: >200°C

Flammable Limits: ND

Auto-ignition point: >250°C

Fire Extinguishing Media: Carbon dioxide, dry powder, foam, or water fog. Do not use water jets.

Special Fire Fighting Procedures: NIF

Unusual Fire and Explosion Hazards: None

Hazardous combustion products: None known.

DOT Class: Not regulated

---

**Section 6: Accidental Release Measures**

Steps to be Taken in Case Material is Released or Spilled: Spilt product constitutes a slip hazard. Place in 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: No special precautions required.

Storage temperature: Ambient.

Storage Pressure: NA

---

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

### **Engineering Controls**

Ventilation required: None required.

### **Personal Protection Equipment**

Respiratory protection: None required under normal conditions.

Protective gloves: ND

Skin protection: ND

Eye protection: ND

Additional clothing and/or equipment: ND

### **Exposure Guidelines**

See Composition/Information on Ingredients (Section2). Wash hands after use. Avoid prolonged exposure.

---

## **Section 9 Physical and Chemical Properties**

Appearance and Physical State: Yellow semi solid

Odor (threshold): None

Specific Gravity (H<sub>2</sub>O=1): 0.896

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: 42°C to 52°C

pH: NA

Solubility in Water: Insoluble

Molecular Weight: ND

---

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

Stability: Stable

Conditions to Avoid: Temperature > 120°C

Materials to Avoid (Incompatibility): Strong oxidizing agents.

Hazardous Decomposition Products: None known.

Hazardous Polymerization: Will not occur.

---

## **Section 11: Toxicological Information**

Results of component toxicity test performed: Oral LD50 (RAT) >2g/kg. Dermal LD50 (Rabbit) > 2g/kg.

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: When used and/or disposed of as indicated no adverse environmental effects are foreseen.

Chemical Fate Information: Mobility: Non-volatile/insoluble in water. Degradability: Slowly biodegradable in aerobic conditions.

---

## **Section 13 Disposal Considerations**

RCRA 40 CFR 261 Classification: NIF

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 classified as hazardous for transport by air, sea or road.

---

## **Section 15: Regulatory Information**

### **United States Federal Regulations**

MSDS complies with OSHA's Hazard Communication Rule 29, CFR 1910.1200.

SARA: NIF

SARA Title III:

RCRA: NIF

TSCA: All chemical substances in this material are included on the TSCA inventory of chemical substances

CERCLA: NIF

### **State Regulations**

California Proposition 65: None

### **International Regulations**

Canada WHMIS: NIF

Europe EINECS Numbers: NIF

---

## **Section 16: Other Information**

Label Information: NIF

European Risk and Safety Phrases: NIF

European symbols needed: NIF

Canadian WHMIS Symbols: NIF

Hazard Rating: Health: **ND**; Fire: **ND**; Reactivity: **ND**

(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