



## Material Safety Data Sheet

**Product No. 19244 Pioloform**

**Issue Date (09-10-10)**

**Review Date (05-22-12)**

### Section 1: Product and Company Identification

**Product Name: Pioloform**

Synonym: Pioloform FN 65

**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)**

**Chemtrek 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>
Pioloform FN 65 (ND)	100	ND	ND	No	No	No

The product consists of 12 individual components that go into make up the Polyvinyl formal plastic. All the individual substances have a CAS No. After the reaction, the 12 single substances are no longer present in the product.

### Section 3: Hazard Identification

**Emergency overview**

Appearance: Off white powder

Immediate effects: Irritation. The product is considered not dangerous. However, there is a dust explosion hazard.

**Potential health effects**

Primary Routes of entry: Inhalation, ingestion, and eyes.

Signs and Symptoms of Overexposure: ND

Eyes: Flush eyes with water for 10-15 minutes and seek medical attention if irritation persist.

Skin: Wash well with soap and water.

Ingestion: No special action necessary with limited exposure, unless subject feels distressed; then seek medical attention.

Inhalation: No special action necessary with limited exposure, remove to fresh air, unless subject feels distressed; then seek medical attention.

Chronic Exposure: ND

Chemical Listed As Carcinogen Or Potential Carcinogen:

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 eyes with water for 10-15 minutes and seek medical attention.

Skin Contact:

Inhalation:

Ingestion:

**Note to physician**

Treatment:

Medical Conditions generally Aggravated by Exposure:

---

**Section 5: Fire Fighting Measures**

Flash Point: ND

Flammable Limits: ND

Auto-ignition point: ND

Fire Extinguishing Media: Water spray, or any class A extinguishing agent.

Special Fire Fighting Procedures:

Unusual Fire and Explosion Hazards: The dust can be explosion hazard. Take measures against electrostatic charge.

Hazardous combustion products: Oxides of Carbon.

DOT Class: Not regulated.

---

**Section 6: Accidental Release Measures**

Steps to be Taken in Case Material is Released or Spilled: There is a dust explosion hazard. Wet remove dust if large spill. Sweep up and place in container with lid for proper 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: Keep storage container tightly closed.

Avoid contact with skin and eyes. Do not inhale. Wash thoroughly after handling.

Storage temperature: Store in cool and dry area.

Storage Pressure: ND

---

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

**Engineering Controls**

Ventilation required: Use chemical fume hood or mechanical ventilation.

**Personal Protection Equipment**

Respiratory protection: Wear OSHA/MHSA approved dust respirator if needed.

Protective gloves: Wear protective gloves.

Skin protection: Wear appropriate clothing when handling.

Eye protection: Wear goggles or face shield.  
Additional clothing and/or equipment: Eye wash station.

### **Exposure Guidelines**

See Composition/Information on Ingredients (Section2)

---

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

Appearance and Physical State: Off white powder.

Sintering Temperature: 400°C

Odor (threshold): ND

Specific Gravity (H<sub>2</sub>O=1): 1.22 gm/cm<sup>3</sup>

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: 200°C

pH: NA

Solubility in Water: Practically insoluble

Molecular Weight: NA

---

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

Stability: Stable under normal conditions.

Conditions to Avoid: ND

Materials to Avoid (Incompatibility): ND

Hazardous Decomposition Products: Under fire conditions oxides of carbon

Hazardous Polymerization: None Known

---

### **Section 11: Toxicological Information**

Results of component toxicity test performed: If used under the above conditions no toxicity is to be expected. Under extreme conditions, powder is potentially irritating to the eyes and slightly toxic to the skin

Human experience: ND

This product **does** 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: No

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: No

SARA Title III: No

RCRA: None

TSCA: ND

CERCLA: No

### **State Regulations**

California Proposition 65: Warning: This product contains a chemical(s) known to the State of California to cause cancer. May contain residual Formaldehyde, (50-00-0)

### **International Regulations**

Canada WHMIS: ND

Europe EINECS Numbers: ND

---

## **Section 16: Other Information**

Label Information: Irritant

European Risk and Safety Phrases: ND

European symbols needed: ND

Canadian WHMIS Symbols:

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.