

---

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Name: PVP K-90 POWDER

Description: Polyvinylpyrrolidone K-90  
Product Code: RAW1413  
Suggested Use: N/A  
Restrictions on Use: N/A

Supplier: Distributed by Essentials by Catalina, Inc.  
12781 Temescal Canyon Rd  
Corona, CA 92883

Telephone: 951-674-4444

Emergency Phone: Please contact local poison control

---

**2. HAZARDS IDENTIFICATION****Classification**

GHS Classification: Combustible Dust

**GHS Label Elements**

Pictogram: Not Applicable

Signal Word: Warning

Hazard Statements: May form combustible dust concentration in air.

Precautionary Statements: Not Applicable

HMIS Classification: Health Hazard: 1  
Flammability: 1  
Physical Hazards: 0

NFPA Rating: Health Hazard: 1  
Fire: 1  
Reactivity Hazard: 0

**Potential Health Effects**

Inhalation: Inhalation of dusts may cause respiratory irritation or injury.  
Skin: Contact may cause slight irritation.  
Eyes: Contact with dust can cause eye irritation. Avoid contact.  
Ingestion: Material may be harmful if ingested. Do not ingest.

# PVP K-90 POWDER

## SAFETY DATA SHEET

Version 1.0

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS Number</u>	<u>Concentration</u>
N-Vinylpyrrolidone Polymer	9003-39-8	95-100%
Synonyms:	Polyvinylpyrrolidone; PVP	

### 4. FIRST AID MEASURES

If Inhaled:	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if symptoms are experienced.
Skin Contact:	Flush skin with plenty of water. Remove contaminated clothing and shoes. If irritation persists, consult a physician.
Eye Contact:	Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if able to do so. Get medical attention/advice.
If Ingested:	Do not induce vomiting unless instructed to do so by a physician. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 5. FIREFIGHTING MEASURES

Flammability Overview:	Considered a very low flammability risk. However the material can form combustible dust mixtures with air. Avoid dust creation.
Flash Point:	N/A
Extinguishing Media:	Use water-spray, alcohol-resistant foam, dry chemical, or carbon dioxide. Tailor extinguishing media to surrounding fire.
Special Protective Equipment for Firefighters:	Wear a self-contained breathing apparatus (SCBA) for fighting large fires.
Hazardous Combustion Products:	Mostly Carbon Oxides and Nitrogen Oxides.

### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use personal protective equipment. Use only non-sparking tools. Avoid inhalation of dust from the spilled material. No action should be taken involving any personal risk or without suitable training.
Environmental Precautions:	If safe to do so, avoid the dispersal of spilled material and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution. This material is known to be hazardous to the aquatic environment. Collect spillage.
Containment and Clean Up:	If safe to do so, stop the leak or spill. Eliminate all ignition sources. Avoid dispersal of dust in the air. Collect spilled material with a clean shovel and place material in a container for disposal according to local regulations. If sweeping is necessary, use a dust suppressant agent which does not react with the products. If assistance is needed call emergency services.

# PVP K-90 POWDER

## SAFETY DATA SHEET

Version 1.0

### 7. HANDLING AND STORAGE

- Safe Handling:** Use appropriate personal protective equipment. Handle in a well-ventilated area. Handle in a manner consistent with good industrial/manufacturing techniques and practices. Wash hands thoroughly with soap and water after use. Remove contaminated clothing and protective equipment before entering eating areas. Avoid the creation of airborne dust.
- Safe Storage:** Keep containers tightly closed in a cool, dry, well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible and combustible materials. Guard against dust accumulation of this material.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Limits

Component	CAS Number	Exposure Limit	Basis
N-Vinylpyrrolidone Polymer	9003-39-8	N/A	N/A

#### Personal Protective Equipment

- Eye Protection:** Tightly fitting safety goggles or safety glasses with full face-shield should be sufficient. Have eye-wash stations available where eye contact can occur.
- Hand Protection:** Handle with chemical-resistant gloves. Gloves must be inspected prior to use. Dispose of contaminated gloves. Wash and dry hands after use.
- Skin Protection:** Wear long sleeves, a chemical apron, or other protective clothing to prevent skin contact. Safety showers should be located in the areas where skin contact can occur.
- Respiratory Protection:** Always ensure adequate ventilation. A dust mask is recommended for applications where dust or powder will cause inhalation hazards. Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH-approved full-face respirator with appropriate cartridges.
- General Controls:** Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial safety practices. Use engineering and handling techniques to avoid dust creation.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical State:** Solid (Powder)
- Appearance:** White
- Odor:** Slight
- Odor Threshold:** N/A
- pH (5%):** 5.0-9.0
- Melting/Freezing Point:** N/A
- Boiling Point:** N/A
- Flash Point:** N/A

# PVP K-90 POWDER

---

## SAFETY DATA SHEET

Version 1.0

Evaporation Rate:	N/A
Flammability (solid, gas):	N/A
Flammability/Explosion Limits:	N/A
Vapor Pressure @ 20°C:	N/A
Vapor Density:	N/A
Specific Gravity:	N/A
Bulk Density:	0.4-0.6 g/cm <sup>3</sup>
Solubility in Water:	Soluble
Partition Coefficient:	N/A
Autoignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity:	N/A

---

### 10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended storage conditions.
Conditions and Materials to Avoid:	Avoid the creation of dust. Avoid strong oxidizing agents.
Hazardous Decomposition Products:	In fire conditions: Carbon Oxides and Nitrogen Oxides.

---

### 11. TOXICOLOGICAL INFORMATION

#### Acute Toxicity

Component	CAS Number	Test	Toxicity
N-Vinylpyrrolidone Polymer	9003-39-8	Oral LD50 (Rat)	>10000 mg/kg
		Dermal LD50 (Rabbit)	No specific data (non-irritating)
		Inhalation LC50	No specific data

#### Potential Health Effects

Inhalation:	Inhalation of dusts may cause respiratory irritation or injury.
Skin:	Contact may cause slight irritation.
Eyes:	Contact with dust can cause eye irritation. Avoid contact.
Ingestion:	Material may be harmful if ingested. Do not ingest.
Signs and Symptoms of Exposure:	Irritation. Redness. Watering Eyes.
Chronic Effects of Long-term Exposure:	Chronic exposure to airborne dusts can cause damage to the lungs.
Carcinogenicity:	No specific data
Mutagenicity:	No specific data

---

### 12. ECOLOGICAL INFORMATION

# PVP K-90 POWDER

## SAFETY DATA SHEET

Version 1.0

### Acute Ecotoxicity

Component	CAS Number	Organism	Ecotoxicity
N-Vinylpyrrolidone Polymer	9003-39-8	Leuciscus idus	96 hr LC50 > 10000 mg/l

### Ecological Effects

Persistence and Degradability: Not readily biodegradable.

Bioaccumulation Potential: Not expected to bioaccumulate.

Mobility in Soil: N/A

Other Adverse Effects: N/A

### 13. DISPOSAL CONSIDERATIONS

Disposal: The generation of waste should be avoided or minimized wherever possible. Material should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region. Avoid release into the soil, sewers, drains, and waterways.

Contaminated Packaging: Waste packaging should be recycled or reused whenever possible. If recycling is not feasible, contaminated packaging should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region.

### 14. TRANSPORT INFORMATION

#### DOT Information

Proper Shipping Name: N/A

UN Number: N/A

Hazard Class: N/A

Packing Group: N/A

Reportable Quantity (RQ): N/A

Marine Pollutant: No

Note: Not regulated for ground transport.

### 15. REGULATORY INFORMATION

#### US Federal

SARA 302 Components: None Listed

SARA 311/312 Hazards: Acute Health Hazard

SARA 313 Components: None Listed

---

**PVP K-90 POWDER**  
**SAFETY DATA SHEET**

Version 1.0

TSCA Inventory: All components listed or exempted.

**European Union**

EC Inventory: All components listed or exempted.

**State Regulations**

CA Proposition 65: This product does not contain any listed chemicals.

---

**16. OTHER INFORMATION**

SDS Version: 1.0  
Date Reviewed: 10/01/2022  
Revision Date: 06/22/2017  
Supersedes: New to GHS

The information contained in this document was carefully compiled and is believed to be accurate. The information represents the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. However, it does not represent any guarantee of the properties of the product. The Supplier shall not be held liable for any damages resulting from handling or from contact with the above product. It is the responsibility of the purchaser to determine the suitability of the product for their particular purposes. Nothing contained herein shall be construed to be a recommendation to use, or as a license to operate under, or to infringe any existing patents.