

## PVP

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /  
March 26, 2012 / Rules and Regulation

Revision Date: 24-Jun-2024  
Supersedes: 16-Aug-2018

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	PVP	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	PVP	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	9003-39-8	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	(C <sub>6</sub> H <sub>9</sub> NO) <sub>n</sub>	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)
<b>Product Form:</b>	Solid		
<b>Product Use:</b>	Cosmetic use		

### 2 HAZARDS IDENTIFICATION

**Classification:** Not classified.  
**Signal Word:** CAUTION  
**Hazard Pictograms:** None.  
**Hazard Statements:** None.  
**Precautionary Statements:** May cause respiratory tract irritation.  
 Powdered material may form explosive dust air mixures.  
**Potential Health Hazards:** Eyes: No hazards expected.  
 Inhalation: May cause respiratory tract irritation.  
 Skin: No hazards expected.  
 Ingestion: No hazards expected.

**NFPA Ratings (704):**

Health	1	Slight
Flammability	1	Slight
Reactivity	0	Minimal
Specific Hazard	N/A	

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
PVP	9003-39-8	95-100%	Not Available

### 4 FIRST AID MEASURES

**Eyes:** Flush with plenty of water. Seek medical attention if necessary.  
**Inhalation:** If inhaled, remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Get medical attention.  
**Skin:** Wash off with soap and water. Seek medical attention if necessary.  
**Ingestion:** Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. If conscious, give two glasses of water. Get immediate medical attention.

### 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** May be combustible at high temperatures. Use appropriate media for surrounding environment and adjacent fire. No unsuitable extinguish media listed.  
**Special protective equipment & precautions for firefighters:** Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.  
**Flash Points:** No data available.  
**Specific hazards arising from the chemical:** May form explosive dust-air mixture. See also Stability and reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
<b>Environmental precautions:</b>	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
<b>Methods and material for containment and cleaning up:</b>	Clean up promptly by scoop or vacuum. Keep in suitable, closed containers for disposal. Avoid dust formation. Avoid dust accumulation in enclosed space. Dispose of absorbed material in accordance with the regulations.

## 7 HANDLING & STORAGE

<b>Precautions for safe handling:</b>	Avoid dust formation. Avoid dust accumulation in enclosed space. Avoid breathing dust. Wash thoroughly after handling. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	Keep container tightly closed. Keep in a dry, cool place. Keep away from direct sunlight. Store away from incompatible materials (see section 10 for incompatibilities).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
PVP	None established	Not available	Not available

TWA: Time Weighted Average over 8 hours of work.  
 TLV: Threshold Limit Value over 8 hours of work.  
 REL: Recommended Exposure Limit  
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.  
 IDLH: Immediately Dangerous to Life or Health  
 WEEL: Workplace Environmental Exposure Levels  
 CEIL: Ceiling

### Personal Protection:

<b>Eyes:</b>	Wear safety glasses.
<b>Inhalation:</b>	Use only in well-ventilated areas. Wear NIOSH approved respirator appropriate for airborne exposure at the point of use.
<b>Body:</b>	Wear protective gloves and lightweight protective clothing.
<b>Other:</b>	Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Powder	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	No data available	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	Off-white	<b>Flammability:</b>	No data available
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available
<b>pH:</b>	5.0-9.0 (5% solution)	<b>Flash Point:</b>	No data available
<b>Boiling Point:</b>	No data available	<b>Specific Gravity:</b>	No data available
<b>Melting/Freezing Point:</b>	No data available	<b>Water Solubility:</b>	Soluble
<b>Bulk Density:</b>	0.3-0.4g/cc	<b>Auto-Ignition Temperature:</b>	No data available
<b>Partition Coefficient: n-octanol/water:</b>	No data available	<b>Decomposition Temperature:</b>	No data available
<b>Viscosity:</b>	No data available	<b>Explosive Properties:</b>	No data available
<b>Oxidizing Properties:</b>	No data available	<b>Metal Corrosion:</b>	No data available

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Hazardous Polymerization:</b>	No data available.

<b>Conditions to Avoid:</b>	Keep away from heat, sparks, open flames, hot surfaces, smoke. Avoid dust formation. Avoid dust accumulation in enclosed spaces.
<b>Incompatible Materials:</b>	Strong oxidizing agents and reducing agents.
<b>Hazardous Decomposition Products:</b>	Nitrogen Oxides (NO <sub>x</sub> ).
<b>Possible Hazardous Reactions:</b>	No data available.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	No data available.
<b>Skin:</b>	(Human RIPT) Non irritating.
<b>Eyes:</b>	Non-irritating to rabbit eye.
<b>Inhalation:</b>	No data available.
<b>Ingestion:</b>	(Rat) >10,000 mg/kg.
<b>Carcinogenicity:</b>	Exposure of dogs and various rodent species to PVP via the diet, injection, and implant at up to 10% produced no signs of carcinogenic activity. Exposure up to 10% in the diets of rats and dog produced no signs of toxicity or carcinogenic potential.
<b>IARC:</b>	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
<b>NTP:</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
<b>OSHA:</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
<b>Teratogenicity:</b>	Various studies of the reproductive toxicity of PVP in rats and rabbits produced no evidence of embryo toxicity or teratogenicity.
<b>Germ Cell Mutagenicity:</b>	(Mice) Ames Assay; Dominant Lethal Test; Non-mutagenic; L5178Y Mouse (TK+/-) Lymphoma Assay; Bone Marrow Chromosomal Aberration Assay; BALB/C 3T3 Transformation.
<b>Specific Target Organ Toxicity:</b>	No data available.
<b>Reproductive Toxicity:</b>	Various studies of the reproductive toxicity of PVP in rats and rabbits produced no evidence of embryo toxicity or teratogenicity.
<b>Sensitization:</b>	(Human RIPT) Non-sensitizing.
<b>Primary Routes of Exposure:</b>	Eyes, skin, ingestion, and inhalation are listed as primary routes of exposure.
<b>Sub-Chronic Oral Toxicity:</b>	Exposure up to 10% in the diets of rats produced no signs of toxicity. Exposure up to 10% in the diet of dogs produced no signs of toxicity.

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No data available.
<b>Aquatic Vertebrate:</b>	(Juvenile Turbot) PVP; LC50 > 1,000 mg/L; 96 hours. (Salmon) PVP at up to 5% in the diet during smolt produced no signs of toxicity. PVP at up to 5% in the diet for 112 days did not produce any signs of toxicity.
<b>Aquatic Invertebrate:</b>	(Corophium Volutator) PVP; LC50 > 1,000mg/L; 10 days.
<b>Terrestrial:</b>	(Marine Algae) PVP; EC50 > 1,000mg/L; 72 hours.
<b>Persistence and Degradability:</b>	Not readily biodegradable (11% after 28 days)
<b>Bioaccumulative Potential:</b>	No data available.
<b>Mobility in Soil:</b>	No data available.
<b>PBT and vPvB Assessment:</b>	No data available.
<b>Other Adverse Effects:</b>	No data available.

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.
<b>Product Containers:</b>	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

## 14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated.
TDG (Transportation of Dangerous Goods, Canada):	Not regulated.
IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	No data available.

## 15 REGULATORY INFORMATION

TSCA Inventory Status:	This product and/or its components are listed or exempt from the TSCA Inventory.
Canada (DSL):	This product and/or its components are listed or exempt from the DSL Inventory.
Canada (WHMIS):	None of the components of this product is listed on WHMIS Ingredient Disclosure list.
Canada (NDSL):	This product and/or its components does not comply with NDSL.
EU (EINECS):	This product and/or its components does not comply with EINECS.
EU (ELINCS):	This product and/or its components does not comply with ELINCS.
Australia (AICS):	This product and/or its components are listed or exempt from the AICS Inventory.
Japan (ENCS):	This product and/or its components are listed or exempt from the ENCS.
Philippines (PICCS):	No data available.
Korea (KECI):	No data available.
New Zealand (NZIoC):	No data available.
California Prop 65:	This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

## 16 OTHER INFORMATION

Revision Date:	24-Jun-2024
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.