

Safety Data Sheet

Section 1. Product and Company Identification	
Product Name	PVP 504
	Effective Date: 2019/07/23
Supplier/ Manufacturer	Inverchem Solutions Inc. 1029 North Hwy 6, Suite 650 Houston, TX 77079 Tel: 832-528 0660
Material Uses	Additive for Drilling Fluids
Restrictions on use	None
Product Family	Co-polymer

Section 2. Hazard Identification	
Hazard Classification: Not classified NFPA: Health: 0 Flammability: 0 Instability/Reactivity: 0 HMIS Classification: Health: 0 Environmental: 0 Physical hazard: 0 GHS: Not a dangerous substance according to GHS	
Signal Word	None
Precautionary Statement	Low level of toxicity, good industrial hygiene practices are encouraged to minimize exposure
Hazard Statement	Long-term inhalation of particulates may cause lung damage. May be harmful if absorbed through skin. May cause skin irritation. May cause eye irritation. May be harmful if swallowed
Other Hazards	None

Section 3. Composition and Information on Ingredients		
Name	CAS#	% by weight
NA	NA	0-99
Non-hazardous		

Section 4. First Aid Measures	
Eye Contact	Flush eyes with water cautiously with water until no chemical remains. Seek immediate medical attention.

Continued on Next Page ...

Safety Data Sheet

Skin Contact	No health effects are expected. Wash with soap and water. Remove contaminated clothing.
Inhalation	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
Ingestion	If swallowed, seek medical attention. May cause gastrointestinal blockage. Do not give laxatives. Do not induce vomiting unless directed to do so by medical personnel.
Additional First Aid	None
Remarks	

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Use dry chemical powder, water spray (fog), foam or CO ₂ . Do not use water jet.
Hazardous Combustion Products	Carbon oxides, Nitrogen oxides
Precautions for Fire Fighting	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. Fire-Fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental Release Measures

Personal Precautions	Spilled material may cause a slipping hazard. Avoid dust formation. Keep unnecessary and unprotected personnel from entering the area. Use appropriate safety equipment. For additional information, refer to Section 8: Exposure Controls & Personal Protection.
Environmental Precautions	Prevent from entering soil, ditches, sewers, waterways and/or groundwater. For additional information, refer to Section 12: Ecological Information.
Methods for Clean Up	Contain spilled material if possible. Sweep up. Collect in suitable and properly labelled containers. For additional information, refer to Section 13: Disposal Considerations.

Section 7. Handling and Storage

Handling	No smoking, open flames or sources of ignition in handling and storage areas. Wear appropriate personal protective equipment (refer to Section 8). Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid creation of dust. Ensure adequate ventilation.
-----------------	---

Continued on Next Page ...

Safety Data Sheet

Storage	Keep container tightly closed in a dry and well ventilated place.
----------------	---

Section 8. Exposure Controls and Personal Protection	
Exposure guideline:	Contains no substances with occupational exposure limit values.
Exposure Controls	Local exhaust ventilation is recommended during all processing operations.
Personal Protection	Use chemical resistant gloves and eye protection. NIOSH approved respiratory protection should be worn if exposure limits are exceeded. Use only outdoors or in a well-ventilated area. Respiratory protection may be needed for non-routine or emergency situations.

Section 9. Physical and Chemical Properties	
Physical State and Appearance	White Powder
Odour Threshold	Mild
pH	6-8
Boiling Point	NA
Melting Point / Freezing point	NA
Flash Point	NA
Evaporation Rate	NA
Vapour Density	NA
Vapour Pressure	NA
Relative Density	NA
Solubility in Water	Soluble
% Volatile	NA
Other Data	NA

Section 10. Stability and Reactivity	
Chemical Stability	Stable
Hazardous Reactions	Will not occur
Conditions to Avoid	None known
Materials to Avoid	Avoid contact with oxidizing material
Hazardous Decomposition Products	Not expected to decompose under normal conditions of use and storage.

Section 11. Toxicological Information			
Component Toxicity	LD50 Oral	LD50 Dermal	LC50 Inhalation
	Rat>1,000 mg/kg	No data	No data

Continued on Next Page ...

Safety Data Sheet

Principle Routes of Exposure	
Skin:	May cause mechanical irritation.
Eyes:	May cause slight temporary eye irritation. Corneal injury is unlikely. Mist may cause eye irritation.
Inhalation:	Coughing and shortness of breath.
Ingestion:	May cause gastric distress, nausea and vomiting if ingested.
Chronic Toxic Effects	None known.
Carcinogenicity	Not listed.

Section 12. Ecological Information	
Ecotoxicity	NA
Bioaccumulative Potential	NA
Biodegradability	NA
Mobility in Soil	NA
Special Remarks	NA

Section 13. Disposal Considerations	
Disposal practices must follow all Federal, State and Local laws and regulations. DO NOT DUMP INTO ANY SEWERS, ON THE GROUND OR INTO ANY BODY OF WATER. Contact a licensed professional waste disposal service to ensure proper disposal	

Section 14. Transport Information	
UN Number	None
UN Shipping Name	None
Class	None
Packaging Group	None
Environmental Hazards	Not applicable
Air Shipment (IATA)	Not subject to IATA
Ocean Shipment (IMDG)	Not subject to IMDG
DOT Erg#	Not subject to DOT

Section 15. Regulatory Information	
Canada – DSL Inventory	All components of this product are either on the Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL) or exempt
TSCA	All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt

Continued on Next Page ...

Safety Data Sheet

Additional Information	None
-------------------------------	------

Section 16. Other Information

Prepared by:

Inverchem Solutions Inc., Technical Department

Date Prepared: June 26, 2016

Revision Date: 2019/07/23

Disclaimer

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Inverchem Solutions Inc. expressly disclaims all expressed or implied warranties of merchantability and fitness for a particular purpose with respect to the product provided.

Continued on Next Page ...