



## Material Safety Data Sheet (MSDS) for PAC LV (Polyanionic Cellulose)

### Section 1: Product Information

Product Name: Polyanionic Cellulose (PAC)  
Chemical Family: Cellulose Derivative  
CAS Number: Not applicable (Mixture)

### Section 2: Hazard Identification

Classification:  
Not classified as hazardous.  
Signal Word: None  
Hazard Statements: None

### Section 3: Composition/Information on Ingredients

Chemical Name: Polyanionic Cellulose  
Concentration: 100%

### Section 4: First Aid Measures

Eye Contact: Rinse with water for at least 15 minutes. Seek medical attention if irritation persists.  
Skin Contact: Wash affected areas with soap and water. Seek medical attention if irritation occurs.  
Inhalation: Remove to fresh air. If breathing difficulties persist, seek medical attention.  
Ingestion: Rinse mouth with water. Do not induce vomiting. Seek medical attention.

### Section 5: Fire-fighting Measures

Suitable Extinguishing Media: Water spray, foam, dry chemical, carbon dioxide.  
Specific Hazards: Not flammable. May emit toxic fumes under fire conditions.  
Special Protective Equipment: None required for normal fire conditions.



## **Section 6: Accidental Release Measures**

Personal Precautions: Use personal protective equipment. Avoid inhalation and skin contact.

Environmental Precautions: Prevent entry into waterways. Contain and collect spilled material.

## **Section 7: Handling and Storage**

Handling: Use with adequate ventilation. Avoid contact with eyes and skin.

Storage: Store in a cool, dry place away from incompatible materials. Keep containers tightly closed.

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

Exposure Limits: Not established for PAC.

Engineering Controls: Use local exhaust ventilation to maintain airborne concentrations below exposure

limits. Personal Protective Equipment: Wear appropriate protective clothing, gloves, and eye/face protection.

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

Appearance: White powder

Odor: Odorless

Solubility: Soluble in water

pH: Neutral

Melting Point: Not applicable  
(decomposes upon heating)

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

Stability: Stable under normal conditions.

Incompatibility: Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: None under normal conditions.

## **Section 11: Toxicological Information**

Acute Toxicity: Low toxicity. No specific data available.

Skin Irritation: Non-irritating.

Eye Irritation: Non-irritating.



### **Section 12: Ecological Information**

Ecotoxicity: Not expected to be harmful to aquatic life.

### **Section 13: Disposal Considerations**

Dispose of in accordance with local, regional, and national regulations.

### **Section 14: Transport Information**

UN Number: Not applicable

Proper Shipping Name: Not regulated for transport.

### **Section 15: Regulatory Information**

Follow all applicable regulations and guidelines.

### **Section 16: Other Information**

This MSDS is intended to provide a summary of key information. It is not a comprehensive document. For detailed information, refer to the product label and technical data sheet.