

S E S E N V I R O N M E N T A L

# SES ENVIRONMENTAL PROTECTION PTY LTD.

*Coagulant and Flocculant*



**SEIP**



## 1. WT-301 coagulant PAC

### 1.1 Product Introduction

Coagulation is the process in which chemicals are added during water treatment to cause impurities to coagulate and flocculate. Coagulant PAC, also known as polyaluminium chloride, is a substance that binds and aggregates colloidal microparticles in water during the water treatment process.

### 1.2 Physical and chemical properties of the product

The coagulant WT-301 has the properties of quick formation, good activity, good filterability, wide PH range adaptability, wide application, and can remove bacteria, odor, fluoride, aluminum, chromium, oil, turbidity, heavy metal salts, and radioactive contaminants.

Model	Liquid indicators	Solid indicators
Appearance	Yellow transparent liquid	Yellow powdery solid
Active content % $\geq$	8.0	30
Density(20°C) g/cm <sup>3</sup> $\geq$	1.10	—
pH(1% aqueous solution)	3 ~ 6	3 ~ 6

### 1.3 Health and safety

WT-301 coagulant PAC is non-toxic. If it accidentally comes into contact with the skin, rinse with water.

### 1.4 Product packaging and warranty period

Packed in woven bags, 25kg per bag, store in cool and dry place, shelf life 1 year.

## 2. WT-302 flocculant PAM

### 2.1 Product Introduction

Flocculant PAM is a water-soluble high-molecular polymer, also known as polyacrylamide. When used in combination with coagulants, it mainly acts on the surface of suspended solids through sweeping, bridging, etc., significantly improving coagulation and flocculation effects; PAM is mainly used for sludge dewatering, solid-liquid separation and the recovery of wastewater from coal washing, mineral processing and papermaking. It can be used for industrial wastewater and urban domestic sewage treatment; It can be used as an additive for mud materials in oil fields and geological exploration drilling.

### 2.2 Physical and chemical properties of the product

Project	Liquid indicators
Appearance	White, powdery solid
Molecular weight	More than 12 million
Solid content	≥88

### 2.3 Health and safety

Operators should wear protective equipment to prevent WT-302 flocculant PAM from coming into contact with the skin. If contact occurs accidentally, rinse with clean water.

## 2.4 Product packaging and warranty period

Polyacrylamide is packed in polypropylene woven bags lined with plastic bags, 25kg per bag;

This product is hygroscopic and should be sealed and stored in a cool, dry place with a temperature below 35°C. Solid products should not be spilled on the ground to prevent the product from becoming slippery after absorbing moisture.





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 Add: West Australia, Collins st. 135B, Piccadilly

 E-mail: [sales@sep-water.com](mailto:sales@sep-water.com)