

## BLU PAC SERIES

### PAC-031 POLYALUMINIUM CHLORIDE

**CHEMICAL NAME:**

PAC-031 Spray drying type Polyaluminium Chloride

**DESCRIPTION:**

BLU PAC-031 type, it is Polyaluminium Chloride, spray drying type, yellow powder, used for water treatment, work as coagulant. It is made by  $\text{Ca}(\text{OH})_2$  and Bauxite.

**ADVANTAGES:**

- Can be used widely for industrial application.
- Easily soluble in water; dissolves rapidly.
- Cost is very low, very competitive than other general coagulants
- Dosage will be less(20-50%) than drum dried PAC
- Floc forming fast, good activity, good filtering.
- Don't need adding alkaline additives, if deliquescence, its effect remain same.
- Adapted for a wide pH value, strong adaptability
- The Salt content in the effluent will be reduced after use PAC.
- Can remove the water pollution of heavy metals and radioactive substances.
- The active ingredient of high, convenient storage and transportation.

**APPLICATION FIELDS:**

- Coagulant for different industrial area
- Clarifying agent in waste water
- Dewatering agent



## TYPICAL PROPERTIES:

Specifications:	PAC-031 Spry drying type
Appearance:	Solid powder, pale yellow to yellow
Odour:	Odourless
Al <sub>2</sub> O <sub>3</sub> , % :	≥30
Basicity ,%:	50.0~90.0
Insolubles,% :	1.5 max
pH(1% water solution):	3.5~5.0
Fe %:	<2%
Pb %:	<0.006
As %:	<0.001

### APPLICATION:

- Suggested to dilute to the concentration of 2%-20% solution before use.
- For Solid PAC product, dilution is necessary before being dosed, water amount for dilution shall be determined based on the amount of the chemicals to be dosed and the quality of water to be treated.
- For Solid PAC products, the dosage is about 1-15g/mt, the dosage of liquid PAC is 3-40g/mt, the best dosage is based on different lab test results.

### PACKAGE:

Packed in inner plastics bags (white or yellow) and polypropylene woven bags, with each bag containing 25kgs.

### STORAGE:

Should be stored in original containers in cool and dry place, away from sources of heat, flame and direct sunlight. Please refer Technical Data Sheet, Label and MSDS for more details and shelf life.

