

# Aquapac Pty Ltd.

ABN 36 114 118 311

## Water Treatment & Specialty Chemicals

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## Polyaluminium Chloride 30%

### Product Specification

|                                |   |
|--------------------------------|---|
| Al <sub>2</sub> O <sub>3</sub> | = 30% aim, 29.0% min                        |
| pH                             | = 3.5 to 5.0 (@ 1% dilution)                |
| Insolubles                     | = 0.5% max                                  |
| Basicity                       | = 50% +/- 5%                                |
| Fe                             | = < 80 ppm                                  |
| <b>Description</b>             | <b>White or yellow free flowing powder.</b> |
| <b>Packaging</b>               | <b>25Kg solid plastic bags.</b>             |

**Description** Polyaluminium Chloride 30% is a concentrated inorganic aluminium based polymer used as a coagulant in the clarification and de-colouration of waste water. It is soluble in water and is slightly viscous but is easily pumped.

**Uses** Primary coagulant in potable water, waste water and industrial applications. Rapid floc formation makes it suitable for many applications including DAF units, clarifiers and direct filtration membranes.

**Advantages** Polyaluminium Chloride 30% powder can be stored and made up to solution as required reducing tank sizes and handling equipment. PAC 30% has a medium basicity which enhances flocculation in many waste water applications and is ideal for alkali streams. No mixing is required in storage after solution is prepared. PAC 30% should be made up to a 33% solution with clean water and mixed thoroughly till fully dissolved.