POLYALUMINIUM CHLORIDE *(PAC)*

Traditional, reliable coagulant for various pH ranges.

A highly effective liquid chemical coagulant used in the treatment of sediment-laden stormwater runoff on construction and civil works sites. It works by binding fine suspended particles together, accelerating settlement and significantly improving water quality to help meet discharge consent requirements.



PAC is widely regarded as one of the most effective coagulants across a broad range of soil and clay types, making it a versatile and reliable choice for sediment retention pond treatment systems.

KEY BENEFITS

- Highly effective across a wide range of soil and clay types
- Meets Water New Zealand Standards
- Available in 200L drums and 1,000L IBCs

CITRIC ACID

Biodegradable, non-toxic, and highly soluble in water.

Citric Acid is a naturally occurring weak organic acid derived from citrus fruits. Biodegradable, non-toxic, and highly soluble in water, it is a versatile and environmentally responsible chemical widely used across industries, for water treatment applications.



KEY APPLICATIONS

- **pH Adjustment:** Lowers alkalinity and brings water into the desired pH range for treatment systems.
- **Scale Removal:** Breaks down calcium and magnesium build-up in, pipes, and equipment.
- **Metal Chelation:** Binds to metal ions such as iron, and manganese, preventing fouling, and corrosion.
- **Odour Control:** Neutralises unpleasant odours caused by organic or sulphur compounds.



Pair with the Spill Bund

Captures leaks, drips, and spills. See Page 71 for full details.