



Aluminium coagulants CHEM PAX/ CHEM PAC

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16, 18, 25, XL1, XL3, XL9, XL10, XL19, XL 19F, XL1905, XL60, XL61, XL69, 1881-25-2

CHEM PAX/ CHEM PAC is an inorganic coagulant based on trivalent aluminium Al^{3+} . CHEM PAX/ CHEM PAC as a flocculating and coagulating product is excellent for **drinking water production and waste water treatment**.

Safe transportation in closed containers. CHEM PAX/ CHEM PAC can be delivered in closed containers to the dosing systems at water treatment plants.

Delivery methods - CHEM PAX/ CHEM PAC are delivered on the basis of individual customer needs.

Cisterns – cisterns or delivery vans with capacity ranging from 1 to 16 cubic meters, i.e. from 1,5 to 25t of the product. Access roads and vehicle manoeuvre areas need to be ready for long vehicles. Cisterns have to meet the requirements of transportation for class 8, section 5(c), recognition no. 2581 materials.

Rail cisterns - CHEM PAX/ CHEM PAC can be delivered in rail cisterns with the capacity of one loading of 55 t.

Dosage - CHEM PAX/ CHEM PAC products are dosed as commercial ready solutions or after dilution in water by chemical resistant pumps. Piping and valves must be made of plastic like polypropylene, polyethylene, polyester or steel laminated with rubber.

Storage – CHEM PAX/ CHEM PAC compounds can be stored in polypropylene, polyethylene or polyester laminate plastic containers, steel containers laminated with rubber, ceramics or glass. NOTICE: it is recommended to wash those containers with water at least once a year.

Transshipment – In case of open transshipment use of skin and eye protection gear is required.

Safety measures - CHEM PAX/ CHEM PAC are light irritating products. Avoid skin contact. In case of the skin contact wash the affected area with running water. For details follow the safety information provided by KEMIPOL. Storage tanks should be labeled with appropriate signage.

CHEM PAX/ CHEM PAC coagulants 16, 18, are:
aqueous solutions of polyaluminium chloride

CHEM PAX/ CHEM PAC coagulants XL1, XL9, XL19F, XL60, XL61, XL69:
aqueous solutions of modified polyaluminium chloride, comprised of e.g. Si, Na, Ca, Mg ions.
Appearance: clear amber or colorless



Coagulant CHEM PAX/ CHEM PAC 25 :

aqueous solutions of modified polyaluminium chloride, comprised of e.g. Fe, SO₄ ions.

Appearance: light brown .

Applications are used in the following industries :

- **Water treatment**
- **Improve the quality of wastewater**
- **Drinking water treatment**
- **Industrial water treatment in factories/production companies**
- **Reclamation of lakes**
- **Cellulose production**
- **Cardboard production**
- **Paper production**
- **Fuel industry**
- **Galvanic industry**
- **Printing**
- **Fruit and vegetable industry**

KEY FEATURES of CHEM PAX/ CHEM PAC application compared with traditional inorganic coagulants:

- lower dosage
- fast flocking,
- higher level of water or waste water treatment,
- lower sludge volume
- excellent coagulation in wide pH range,
- easy application.

SERVICE

- professional consulting and support by using our products,
- conducting of laboratory and technical tests
- support by troubleshooting in case of water and waste water treatment ,
- complete delivery including CHEM PAX/ CHEM PAC dosing system units,
- CHEM PAX/ CHEM PAC delivery door-to-door.

TECHNICAL SUPPORT

We develop new coagulants which enable maximal removal of contamination during water and waste water treatment. In order to improve treatment processes we carry out coagulant tests by our staff as a laboratory, pilot or industrial tests.