

NORPAC 18

POLY ALUMINIUM CHLORIDE

- **Effective coagulant**
- **EN 833 compliant**

DESCRIPTION AND USE


NORPAC 18 (poly aluminium chloride) is a solution in which the active substance is a polymerized aluminium complex of the gross formula $Al(OH)_{1,2}Cl_{1,8}$. It is a high purity product with high aluminum contents.

NORPAC 18 neutralizes the colloidal charge whereby compact flocks are formed. The flocks are precipitated from the water by sedimentation or flotation. The compact flocks provide fine drainage characteristics to the slurry.

NORPAC 18 is in compliance with EN 883 "Chemicals used for treatment of water intended for human consumption".

CHEMICAL - PHYSICAL CHARACTERISTICS

CAS No.:	1327-41-9
Al ⁺⁺⁺ :	9.0 W/W % ± 0.5
Cl ⁻ total:	22.0 W/W % ± 1.0
Appearance:	yellowish liquid
Bulk density (20 °C):	1.37 kg/l ± 0.02
pH (20 °C):	0 ± 1
Viscosity:	
30 °C	42 cP
20 °C	55 cP
10 °C	72 cP
0 °C	102 cP
-5 °C	242 cP
-10 °C	338 cP



FEEDING-DOSAGE

NORPAC 18 is dosed as it is through a metering pump and the dosages are related to the water quality to be treated. Testing will determine the optimal dosing rate.

PACKAGING - STORAGE

NORPAC 18 is supplied in 30 kg pails, 275 kg drums or 1.370 kg IBC. NORPAC 18 should be stored under cool and dry conditions in a well-ventilated area.

HEALTH - SAFETY

Storage tanks must be manufactured of glass-fibre reinforced polyester or PVC. Pumps, hoses etc. should be made of PVC and/or other acid and chloride resistant material. It is recommended that tanks/containers be cleaned once on a yearly basis.

Read the supplier's user manual carefully before handling the product.

INFORMATIVE NOTE

The information and technical data contained in this bulletin are based on our own most updated knowledge and experiences; however, they do not amount to a guarantee. Our Technical Department is at your disposal for further studies and will give its direct assistance for the use of our products, whenever needed.