



**MARINE
CARE**

CARETREAT AWP-601PC

Very high molecular weight flocculant for high efficiency wastewater sludge dewatering in centrifuges, (belt) filter presses and screw press.

- High efficiency
- Easily soluble in water
- Broad cationic range
- High dewatering rate

DESCRIPTION

Caretreat AWP-601PC is a broad range cationic emulsion flocculant, with a high degree of charge and very high molecular weight. Caretreat AWP-601PC is designed for high rate dewatering of activated sludge from wastewater treatment plants on board Cruise liners, Merchant and Navy vessels.

ADVANTAGE

- Economical to use - effective at lower dosage levels
- Achieve high solid removal efficiency
- Easily soluble in water; dissolves rapidly

APPLICATIONS

Caretreat AWP-601PC is used for dewatering of activated sludge from combined waste water treatment plants on board ships. Caretreat AWP-601PC creates high dewatering rates, which results in energy savings on the incinerator(s). A high percentage dry solids after the dewatering equipment like decanter, centrifuge, belt/filter press or vacuum filter, reduces the amount of sludge. Caretreat AWP-601PC can be used in conjunction with all modern wastewater treatment plants.

DIRECTIONS FOR USE

Caretreat AWP-601PC has to be dosed in a distribution manifold for pre-dilution, prior to entering the waste water treatment process. For start-up of new AWP systems, please contact us for start-up advice. When switching a functioning waste water system it is advised to flush pumps and feed lines with the product (not water) before starting to dose Caretreat AWP 601PC. Keep dosing settings identical to prior product. Use Caretreat Coagulant as a pre-treatment in case of extreme solid part loads (cruise ships). Use Caretreat AWP 601FW for final treatment in case of too high turbidity.

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DIRECTIONS FOR USE (CONTINUED)

Avoid centrifugal pumps for polymer transfer, high sheer pumps will crack the molecular chains.

Spilled polymer is very slippery and should be absorbed and collected prior to thoroughly flushing with hot water.

Caretreat AWP-601PC has to be stored between 5 and 30 °C. Avoid Freezing.

DOSAGE

See Direction for use.

PROPERTIES

Chemical type	Cationic Polyacrylamide
Relative charge	Very high
pH of 0,5% solution 25°C	4
Density	1 g/cm ³
Physical state	Cream colored liquid
Viscosity	
kinematic viscosity	>20,5 cSt at 40 °C
dynamic viscosity	1.500 mPas

For detailed information on safety and health, please refer to the Material Safety Data Sheet MSDS and/or product label.

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