



**MARINE
CARE**

CARETREAT AWP COAGULANT

- High efficiency
- Easily soluble in water
- High dewatering rate

Highly effective coagulant for treatment of waste water streams prior to flocculation/dewatering.

DESCRIPTION

Caretreat AWP Coagulant is a PAC based blend, optimized for best performance in waste water applications. Caretreat AWP Coagulant is based on highly charged aluminum, enabling the flocculation at the highest efficiency rates. This results in lower dosages and therefore reduces sludge volumes and pH adjustment demands.

Coagulation is an intermediary step, but it is essential to the physical-chemical treatment of wastewater. This is the first step in the elimination of colloidal particles and its main function is to destabilize the particles. This destabilization is essentially the neutralization of the electrical charge present on the surface of the particle thus facilitating the agglomeration of the colloids.

ADVANTAGE

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

APPLICATIONS

Caretreat AWP Coagulant is taking care of agglomeration of the dispersed colloidal particles. These particles are assembled in larger aggregates called flocs or microflocs. Caretreat AWP Coagulant, creates lower turbidity and better particle separation. Caretreat AWP Coagulant is used in conjunction with our Caretreat AWP 601PC and AWP 601FW.



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DIRECTIONS FOR USE

Caretreat AWP Coagulant is dosed by a diaphragm metering pump. The product has to be dosed undiluted, at a dosing rate of 25 - 100 ml per kg dry solids (DS). When switching a running waste water unit, it is advised to flush the pump and feed line with the product itself (not water), and then continue to dose the Caretreat AWP Coagulant at identical volume as prior product.

PROPERTIES

pH	1
Density	1,34 - 1,4 g/cm ³
Flashpoint	None
Physical state	Clear liquid, yellowish
Viscosity @ 23 C	30 - 40 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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