



# CARETREAT SCRUBBER MIX

**Highly effective coagulant for treatment of Seawater or Fresh water in open and closed loop wet exhaust gas scrubbers**

## DESCRIPTION

Caretreat Scrubber Mix is a PAC based blend, optimized for best performance in as well open as closed loop exhaust gas scrubber applications. Caretreat Scrubber Mix is based on highly charged aluminum, enabling less of it to do more. 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 physicochemical treatment 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 Scrubber Mix is taking care of agglomeration of the dispersed colloidal particles. These particles are assembled in larger aggregates called flocs or microflocs. Caretreat Scrubber Mix, creates lower turbidity and better particle separation. Caretreat Scrubber Mix is used in conjunction with our flocculant Caretreat Scrubber Pol, for optimal sludge dewatering. Caretreat Scrubber Mix is used before the Bleed off treatment system, as a hydro cyclone or other type of separator.

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

discover the difference



## DIRECTIONS FOR USE

Caretreat Scrubber Mix 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).

As an average a wet scrubber produces:

- Dry Solids 0,1 - 0,4 kg/MWh
- Bleed off water 0,1 - 0,3 m<sup>3</sup>/MWh

## DOSAGE

See Direction for use.

## PROPERTIES

Article number	14509
pH	1 - 2
Density	1,24 - 1,38 g/cm <sup>3</sup>
Flashpoint	> 100 °C
Physical state	Clear liquid, yellowish
Viscosity @ 20 °C	2000 ± 200 mPas

## APPROVALS

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

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