

# VTA Speedfloc sedi aktiv

Coagulant / flocculant



we clean water



## PRODUCT DESCRIPTION

VTA Speedfloc sedi aktiv is a tried and tested mixture of specially polymerised polyaluminium compounds with a high content of organic charge carriers made from high-molecular carbohydrate derivatives (biopolymers) adjusted to industrial needs. Only pure raw materials are used for production. The specially formulated mixtures are produced in-house. The water-soluble product is fully polymerised.

## RECOMMENDED USE CASES

VTA Speedfloc sedi aktiv is used specifically for industrial wastewater with a high content of organics solvents and surfactants.

## SPECIFIC ADVANTAGES

- Very high sedimentation velocity
- Greatly increased viewing depth in intermediate and secondary clarifiers
- Stable binding of suspended solids and suspensa to the activated sludge floc
- Prevention of floating sludge
- Improvement of the settling and thickening behaviour of the activated sludge
- Increasing the hydraulic load capacity of the secondary clarifiers



Reduction of total undissolved solids (TDS) in the effluent of wastewater treatment plants

- Increasing the density difference between activated sludge floc and water for stable operating conditions
- Weighting of the sludge flocs via stable and reversible floc formation for optimum load equalisation



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## HANDLING

VTA Speedfloc sedi aktiv should be stored and dosed in the supplied concentration. If dilutions (max. 1:10) are necessary, these must be used up quickly, as they become unstable and cloudy if left standing for a longer period of time, whereby they lose some of their effectiveness.

## STORAGE

For the storage and transport of VTA Speedfloc sedi aktiv, we recommend using exclusively storage tanks and pipework made of acid-resistant material such as polyethylene, polypropylene, PVC or rubber-lined steel.

VTA Speedfloc sedi aktiv has a shelf life of approx. 10-12 months. A possible slight cloudiness does not affect the effectiveness.

We recommend cleaning the storage tanks twice a year and rinsing the dosing lines with water.

VTA Speedfloc sedi aktiv classified as water hazard class WHC 1 (self-classification).

## PACKAGING

VTA Speedfloc sedi aktiv is available loose in tank wagons or in containers of 1,200 kg.

## TECHNICAL DATA

pH value:	$\geq 2,5$
Density at 20 °C	$\geq 1,2 \text{ g/cm}^3$
Appearance:	yellow liquid
Solubility:	miscible with water in any proportion

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