

For Optimization and flocculation In waste water treatment

OVIVO AD 10 SF is a reactive splitting agent in powder form with an adsorbing effect. It is a specially constructed powdery flocculation reagent for the treatment of contaminated waste water in various ways. The goal of treatment is to achieve a clean, clear phase and an optimal sludge conditioning. After flocculation, the impurities can be separated by sedimentation and filtration.



Why OVIVO® AD 10 SF!



Very efficient &
Effortless
pull out of filter rate cake, at end of process



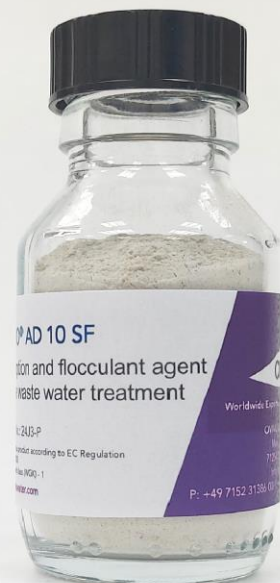
The large
"Internal"
Surface, though more powerful flocculation



Blocking of dosing station for Milk of lime
can be avoided
Solid-liquid separation

Specification

| | |
|---------------------|--------------|
| APPEARANCE | White powder |
| BULK DENSITY | e.g. 450 g/l |
| pH | e.g. 6.0 |
| SOLUBILITY IN WATER | Insoluble |
| ODOUR | Unremarkable |

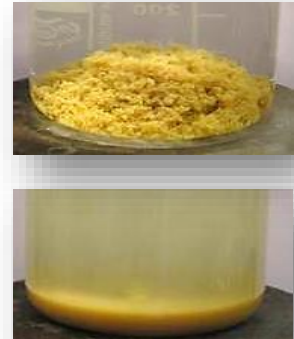


OVIVO® AD 10 SF

ADVANTAGES

- Sedimentation of smallest flocks possible
- No increasing salinity of the waste water
- Less load of gravel filter from clear water
- Good dewatering of sludge
- Almost no cleaning of filter clothes
- No acid cleaning of filter clothes
- Replaces iron and lime milk dosing for improvement of sedimentation and flocculation
- No precipitation of gypsum or limestone in gravel filter
- No precipitation of gypsum or limestone in rapid clarifier
- No aggressive dust during preparation
- No lime milk preparation and dosing station is necessary (only if no fluoride has to be treated)
- No closed loop line and permanently pumping necessary
- No additional polymer dosing station necessary
- No hazardous material
- Wherever no increasing salinity is requested because of water reclaim or ZLD
- Separation of smallest flocks like Si, SiC, Al, from dicing, slicing, grinding or polishing
- Wherever problems with smeary sludge in filter press
- Wherever precipitation of Calcium carbonate or sulfate causes problems
- Instead of an acid loop with ferric chloride and lime milk

Comparison of with AD 10 SF and without



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INDUSTRIAL APPLICATIONS

- Heavily soiled industrial wastewater (e.g. heavy metals)
- Rinsing, cleaning and degreasing solutions
- Grinding and vibration grinding emulsions
- Wastewater containing oils, fats and solvents
- Dyed wastewater
- Dispersion and latex dye water
- Photo resists solvents from circuit board production
- Chlorinated hydrocarbons (AOX)
- General organic impurities (e.g. COD)

To begin your journey toward sustainability, please reach us!

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For more products visit our web shop: www.ovivowater.shop

Order OVIVO AD 10 SF!



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