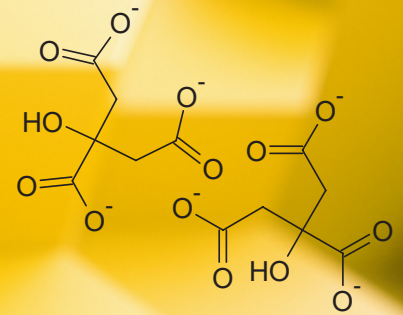


This product was developed by VTA Group R&D.



VTA Biocitran® is a high performance product specifically developed to improve sludge dewatering. The product, based on an innovative solution with selected additives, ensures increased drainability, better floc stability and a visibly clearer filtrate. VTA Biocitran® provides sustainable cost savings in sludge dewatering.

## PROPERTIES

Appearance:	yellow, low viscosity liquid
Density:	ca. 1,25– 1,35 g/cm <sup>3</sup>
Solubility:	completely water miscible
Gefrierpunkt:	frost resistant

## UTILISATION

VTA Biocitran® is used for sludge dewatering following digestion. It is recommended that the product is dosed at a turbulent point ahead of the dewatering equipment to ensure good mixing and optimum product performance.

## PACKAGING

VTA Biocitran® is available by bulk road tanker delivery or in 1300kg containers (IBC).

## STORAGE

For storing and conveying VTA Biocitran®, we recommend that storage tanks and pipework are constructed solely from acid resistant materials, such as Polyethylene, Polypropylene, PVC or rubber-lined steel.

VTA Biocitran® is stable for at least 6 – 12 months. A possible slight cloudiness does not affect product performance.

## ENHANCES DEWATERING

- Improves drainage properties
- Augments polymer performance
- Produces a cleaner, clearer filtrate



## IMPROVES SLUDGE PROPERTIES

- Increases dry solids content
- Reduces polymer demand



## COAGULANT SYSTEM

- Strengthens floc structure for greater floc stability
- Increases floc density



## COMBINATION OF VTA BIOCITRAN® AND VTA MUDINATOR®

Dosing VTA Biocitran® into the digested sludge, prior to treatment with ultrasound, produces a synergetic effect – the digested sludge can be effectively dewatered and the consumption of polymer can be even more reduced.