

# VTA Green-Tec 2000

The future of wastewater sludge dewatering

**VTA Green-Tec 2000** is a pH-optimizing Liquid Engineering process to improve the dewatering of wastewater sludge. Through targeted increase of active substance this process increases the dewatering potential, supports a better floc stability resulting in a substantially clearer centrate, while reducing the required amount of flocculants. **VTA Green-Tec 2000** reduces the costs of wastewater sludge dewatering in a sustainable way.

## Handling:

**VTA Green-Tec 2000** is used to dewater excess or digested sludge. It is recommended to dose the product into a turbulent area before the dehydration unit to guarantee an adequate mix and subsequent increased product impact. The product can be introduced optimally via the VTA Inline Mixer.

## Storage:

**VTA Green-Tec 2000** has a minimum shelf life of 6-12 months and can be stored in conventional storage tanks without any issues.

## Properties:

Appearance: green, low viscosity liquid  
 Density: approx. 1,25 - 1,35 g/cm<sup>3</sup>  
 Solubility: completely mixable with water  
 Freezing point: The product is insensitive to freezing

## Packaging:

**VTA Green-Tec 2000** is loosely stored in tankers or available in containers of 1.300 kg.

## Combination VTA Green-Tec 2000 and VTA Inline Mixer

The VTA Inline Mixer, in combination with the new and innovative Liquid Engineering process **VTA Green-Tec 2000**, shows an especially high efficiency as dewatering booster.



This product was developed with leading drainage specialists.

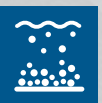
## Dewatering increase:

- ▶ Up to 25% polymer savings
- ▶ Increase of dry matter of up to 3% points
- ▶ Distinct decreases of centrate or filtrate recirculation loads



## System coagulator:

- ▶ Improves the structure and stability of the floc
- ▶ Increases shearing stability



## Process steps:

- ▶ Minimum amount of dosage (up to 4 times less than conventional products)
- ▶ pH values optimized
- ▶ Active odor control

