

## MethaTec® Detox S Aktiv

**MethaTec® Detox S Aktiv** is a powdery reactant based on iron(III) oxide-hydroxide (FeO(OH)). Iron(III) oxide-hydroxide prevents the formation of harmful hydrogen sulfide in biogas plants. H<sub>2</sub>S is corrosive to metals and concrete parts of the anaerobic digester. Additionally, the use of iron hydroxide increases the availability of trace elements and due to that, the stability and efficiency of the microbiological process. Also included is a special additive to help reduce Nitrogen.

### Product description

- Appearance: red brown powder
- Chemical description: Iron(III) oxide-hydroxide *FeO(OH)*
- Iron content (Fe<sup>3+</sup>): min. 30 % in dry matter
- Dry matter content: > 85 %
- Bulk density: 1.000 ± 80 g/l, with ~ 85 % dry matter

### Product advantages

- highly reactive, due to amorphous structure of the iron hydroxide
- especially suitable for short to medium retention times and fast binding of sulfides
- the mix of fast and long-acting components ensures a permanent efficiency

### Packaging and Storage

- 20 kg fermentable bags, 50 bags per pallet
- Products should be stored cool and dry protected from sunlight

### Dosage

The application rate depends on the system volume and feeding rate. Please contact your TerraVis consultant for an individual dosage recommendation.

### Safety notice

MethaTec® Detox S Aktiv is not classified according to the CLP regulation. For more information on the product, please refer to the associated safety data sheet.

Product data sheet, as of 11/2/2020. This data sheet is based on current knowledge and years of experience. Proper use and compliance with legal regulations are the responsibility of the user. All information becomes invalid when a new product data sheet is published. If you have any questions about the product or its application, please visit us at [www.terra-vis-biogas.de](http://www.terra-vis-biogas.de) or contact your specialist advisor.