

## MethaTec<sup>®</sup> Detox S Direct

**MethaTec<sup>®</sup> Detox S Direct** is the latest product from the Detox S family. It was specially developed for biogas plants with short retention times and as a quick start. The extremely small particle size ensures immediate distribution with a maximum reaction surface. Due to the specific density of the product, it remains permanently and evenly distributed in the substrate. No sinking, no swimming. This combination ensures a highly effective binding of hydrogen sulfide even with the shortest retention times and high sulfur loads. At the same time, it prevents the lay down of important trace elements. The existing micronutrients can thus be used very efficiently, and the microorganisms are optimally supplied.

### Product description

- Appearance: red brown powder
- Chemical description: Iron(III) oxide-hydroxide  $FeO(OH)$
- Iron content ( $Fe^{3+}$ ): approx. 25 % in dry matter
- Dry matter content: > 85 %
- Bulk density:  $1.000 \pm 80$  g/l, with ~ 85 % dry matter

### Product advantages

- especially suitable for very short retention times and as substitute for iron chloride
- very fast distribution and effect due to extremely fine particles
- highly reactive, due to amorphous structure of the iron hydroxide

### Packaging and Storage

- 20 kg fermentable bags, 50 bags per palett, 1.000 kg Big Bags
- Products should be stored cool, dry and 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<sup>®</sup> Detox S Direct 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 9/16/2020. 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.