



The BC. concept for process optimisation



In biogas plants with a very big fraction of energy crops or another type of substrate, process imbalances may occur because of nutrient deficiencies, despite of optimal availability of trace elements. In these cases, an additional additive is required.

To provide additional balance, an appropriate mixture from the BC.MAKROcon product line is used. The range of compo-

nents includes the elements Ca, Fe, N, Na, Mg, S and P.

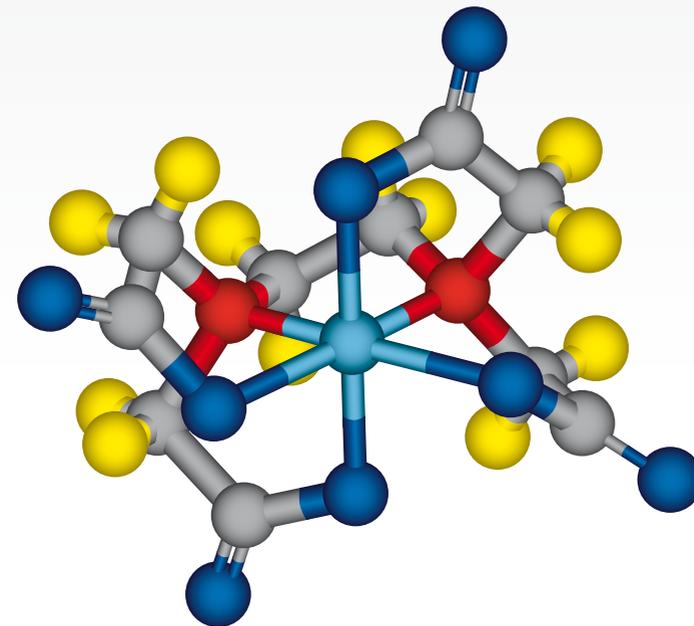
Each BC.MAKROcon product is a blend of at least two of the listed components and can also be used as a single additive. The dose is calculated for each individual plant. The product line is delivered in fermentable bags.

The result → More profit for you

- Stable fermenter performance at maximum efficiency
- More full capacity hours per year
- Higher company profit

# BC.TEPLEX

## The liquid micronutrient mixtures of the BC. concept



170126\_GB





### The BC.TEplex product line

The products of the line BC.TEplex are concentrated, liquid trace element mixtures and highly bio-available. Like all Schaumann products with trace elements, they are adapted to the requirements of each single AD plant on the basis of a previous analysis of the fermenter material. The liquid product formulation enables automated dosing of the individual micronutrient mixtures without causing corrosion of engine parts.

The trace elements, protected in complexes, allow small dosage levels, a prerequisite for efficient supplementation of very large fermenter volumes. All BC.TEplex products are designed and produced on the basis of the same European patent specification used for the BC. granular products. Our new, innovative production process characterises the modern generation of liquid micronutrient mixtures.

### The BC.TEplex product line

Superior raw materials and accurate processing guarantee top products which support the fermenter biology at the highest level. BC.TEplex products are individually tailored to the biological situation in each fermenter and maximise the efficiency of the process of methane production. In facilities with high nitrogen or sulphur concentrations a combination with the product BC.ATOX liquid is recommended.

#### Advantages of the BC.TEplex product line:

- Safe and simple handling
- Non-caustic, non-corrosive, frost-proof
- Protects trace elements from chemical precipitation
- Low dose volume
- Maximum bioavailability
- Not toxic

### Principal uses of the BC.TEplex product line

- Medium-sized to large biogas plants and facilities
- Fully automated systems
- Biogas plants with a good supply of macronutrients
- Facilities without entry of solids
- Percolation facilities

### Effect of BC.TEplex products

- Stabilisation of breakdown processes
- Activation of methanogenic organisms in the fermenter
- Synchronisation of the different stages of biogas production
- Sustained increase in fermenter efficiency
- Maximisation of methane yields

