

METHOgas

The Methodo Chemicals® patented product that helps:

1. Reducing viscosity in fermentation systems
2. Removing superficial crusts
3. Reducing self-consumption
4. Removing build-ups from the bottom of the fermentation systems

DESCRIPTION

METHOgas is a METHODO CHEMICALS patented product

The polyamines – electrically charged polymers – help increase the activity of hydrolytic enzymes, which occur naturally in the fermentation system, thereby promoting and catalysing the bond between the enzymes and their fibrous substrate.

This combined action makes the digested product more homogeneous and less viscous.

METHOGAS:

- INCREASES DIGESTIBILITY OF FIBRES of slow fermentation biomass, which would require long HRT.
- ENHANCES METHANOGENIC REACTIONS, promoting methanogenic bacteria proliferation and metabolism and, as a result, their fermentation capacity:
 - > significantly reducing problems conveying digestate
 - > facilitating pumping and the separation of solids from liquids.

DIRECTIONS

Mix the product thoroughly and add it to the solid biomass feeder or pre-feed tank

DOSES

The daily or weekly dose of METHOgas must be agreed with a Methodo Chemicals® technician, as it depends on feeding and mixing systems, volumes, and extent of the problem.

Indicatively:

- > initial dose: 45 kg/week/MW
- > subsequent maintenance dose: 15 Kg/week/MW.

SIZE

25 kg bags



Methodo Chemicals is Positive Energy

Established in the '80s as a company
SELLING raw materials and additives for the animal feed
and dietary supplement industries.

During the '90s

the company built its PRODUCTION plant for making
premixes and complementary feed.

Today, METHODO

is putting its 30 years of experience in the nutrition sector
at your service to create a range of supplements that optimise
the anaerobic digestion process in BIOGAS plants.



FORMULATION, MANUFACTURING
OF COMPLEMENTARY FEEDS
AND PREMIXES TRADING
OF FEED MATERIALS
AND FEED ADDITIVES

METHODO CHEMICALS S.r.l.

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