

DESULPHURISATION *line*

Raw materials that help:

1. Reducing the concentration of hydrogen sulphide in biogas, thereby preventing any damage to the cogenerator's mechanical components.
2. Preventing the inhibition of the biological process and optimising iron concentrations

DESOXY +

Natural iron hydroxide for H₂S reduction in biogas

- It prevents damage to the cogenerator's mechanical components.
- It prevents the inhibition of the biological process and optimises iron concentrations in the fermenter. Recommended for plants requiring high amounts of iron to stabilise biology and reduce H₂S in average times.

Analytical data	Value	UM
FeO (OH)	60	%
SiO ₂	≤40	%
Al ₂ O ₃	≤3	%
CaO	0.2-0.4	%
MgO	0.5	%
TiO ₂	0.04	%
K ₂ O	0.2	%
Na ₂ O	0.01	%

Composition Natural iron hydroxide FeO (OH)

Storage: Store indoors in a cool, dry and ventilated place, keeping the packaging intact

Packaging: 20 kg BIO packaging (Pallet: 1000 kg)

METHO S PLUS

Powdery iron hydroxide-based reagent designed to quickly reduce H₂S in biogas plants

- It prevents damage to the cogenerator's mechanical components.
- It prevents the inhibition of the biological process and optimises iron concentrations in the fermenter.

Composition [FeO(OH)]			
Iron content (Fe ³⁺)	35-40	%	referred to dry matter
DM content	> 80		
Colour	Red/Brown		
Physical state	Powder	%	
Particle size	0-2	mm	
Density	1000 ± 80	g/l	Dissolved with about 80% dm

Heavy metal content		
Heavy metal	Chemical symbol	Content [mg/kg DM]
Arsenic	As	< 80
Lead	Pb	< 50
Cadmium	Cd	< 1.0
Chromium	Cr	< 20
Chromium (VI)	Cr	< 1.0
Copper	Cu	< 20
Nickel	Ni	< 100
Mercury	Hg	< 0.4
Zinc	Zn	< 500
Thallium	Tl	< 0.4

Composition:

powdered iron hydroxide [FeO(OH)]

Storage: Store indoors in a cool, dry and ventilated place, keeping the packaging intact

Packaging: 18 kg BIO packaging (Pallet: 990 kg)

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Metho Filter

A range of products for filtering the biogas and remove hydrogen sulphide and other naturally-occurring impurities (silicates, oxalates, etc.)

- It prevents damage to the cogenerator's mechanical components.
- It extends oil change intervals in the cogenerator
- Scope of use: Can be used in all ordinary activated charcoal absorbers.
2-8 mm and 5-25 mm pellets with a filtering capacity +20% higher than normal activated charcoal filters
- 5-25 mm pellets to form a filtering bed at the filter inlet (approx. 30%)
- 2-8 mm pellets with high filtering capacity (approx. 70%)

Packaging: 25 kg bag (Pallet: 825 kg) or 550 kg bigbag

Metho Carbo

A range of carbon filter suitable for H₂S, COV and ammonia for gas purification.

Packaging: 25 kg bag (Pallet: 600 kg) or 600 kg bigbag



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

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