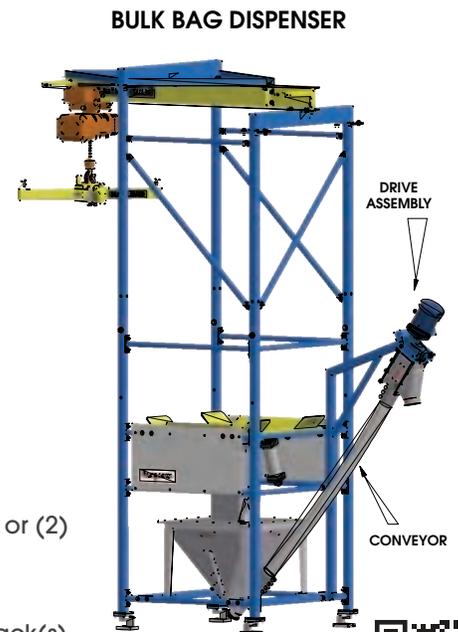
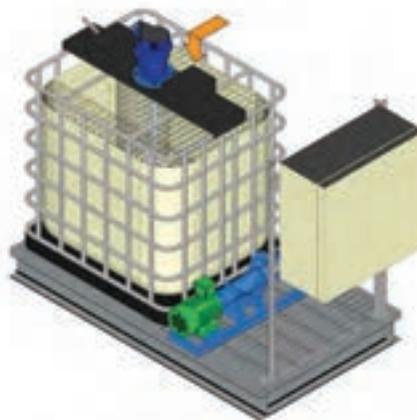


Specifically developed to be directly applied to Anaerobic Digesters, effectively reducing H₂S Levels from the biogas.

Benefits and Advantages

- Micronox is the Best Tested Product on the Market!
- More Effective at Reducing H₂S than other Competitor Brands
- Non-Hazardous & Safe to Handle
- Minimizes Corrosive Damage
- Directly Applied Without Complex Systems
- Reduces Equipment Maintenance Costs & Extends Life of Equipment
- Micronox is Non-Toxic & is Organic Certified
- The By-Product is Iron Sulfide & Sulfur
- Safe to Discharge in the Digestate

Applying the Product



Micronox can be added by (1) placing water-soluble bags directly into the process, or (2) pre-mixing with water and pumping the mixture into the process, or (3) using a bulk dispenser with super sacks.

Micronox is available in either 44/lb bags (paper/ water-soluble) or 2,200 lb Super Sack(s).





Description

Type	Technical oxide
Delivery form	Powder
Chemical class	Mixture of iron oxides and iron hydroxides
CAS-No	20344-49-4/1317-60-8

Properties

Natural origin
 Micronized material
 High specific surface
 High reactive and efficiency

Applications

Biogas desulfurization
 Elimination / capture H₂S

INFORMATIVE TECHNICAL DATA (guide values)

Typical Chemical Analysis (ICP-OES)

Oxides	% Weight
FeOOH+Fe ₂ O ₃	70-73
Fe (total)	44.0-45.8
SiO ₂	13-15
Al ₂ O ₃	4-6
MnO ₂	2-3
MgO	1.5
K ₂ O	0.5-1.5
CaO	0.3-0.1
Na ₂ O	<0.05
Cr ₂ O ₃	<0.005

Mineralogical Analysis (DRX)

Oxides	Formula	Weight %
Goethite	FeOOH	63-65
Hematites	α-Fe ₂ O ₃	7-10
Mica-group minerals	(K,Na)(Al,Mg,Fe) ₂ [(Si,Al) ₄ O ₁₀](OH) ₂	7-8
Quartz	α-SiO ₂	8-9
Amorphous		13-15

Granulometric Distribution (Laser diffraction)

Average particle size (µm): 2.00 (±0.20)
 Maximum particle size (µm): 10.00 (±0.10)

BET:
 44.8 m²/g

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