

Datasheet

HygieneFX®

Mineral solution for nitrogen emission reduction & stable hygiene

HygieneFX® is a unique hygiene powder composed of high-quality natural minerals, each with its unique properties to make a positive contribution to animal health, barn climate and the soil.

Who is HygieneFX® intended for?

- ✓ Horse owners and livestock farmers who are looking for a natural alternative to chemical disinfectants, with optimal moisture absorption and caring effect.
- ✓ Focused on rapid and effective performance.
- ✓ Effective during demanding conditions, such as hot-humid weather.
- ✓ For dry, clean, comfortable resting areas, even without bedding materials.

Physical properties

Bulk density	≈ 800 kg/m ³
Form	Fine powder
Scent	Eucalyptus
pH	≈ 9,5
CEC	≈ 1350 Meq/kg
Packaging	25 kg bag
Stable hygiene	★★★★★
Soil improvement	★★★★
Manure improvement	★★★

To the best of our knowledge, the above information is correct. However, we cannot guarantee the results you may achieve with it. This description is provided on the understanding that you are responsible for determining its suitability for your specific purposes.

Gentle Care & hygiene

- Selected clay minerals provide a soothing and caring effect on claws, hooves, skin, and udders.
- Naturally capable of binding up to 250% of moisture.

Result:

- Dry, comfortable resting areas.
- Strong and healthy claws, hooves, skin, and udders.
- Reduced infection pressure by creating an unfavorable environment for bacteria and fungi.

Practical added value:

- Optimal animal health.
- Better (milk) production.
- Reduced (veterinary) costs.

Manure, soil and air quality

- Contains valuable trace elements.
- Is able to bind nutrients and ions, including Ammonium (NH_4^+).
- Reduces nutrient leaching and increases CEC levels.

Result:

- HygieneFX® effectively binds moisture and NH_4^+ , creating an unfavorable environment for the formation of ammonia gas (NH_3).
- By reducing nutrient leaching, nutrients can be optimally utilized and exchanged through the increased CEC, ensuring maximum availability for the crop.

Practical added value:

- Improved air quality.
- Optimal manure quality, with potential savings on soil additives.
- Higher CEC, stronger soil structure, and maximum nutrient availability for the crop.

Application

The recommended dosage is 50–100 grams per m^2 in the resting area. The frequency depends on the animal type and the situation.

If desired, additional product can be applied in more intensive conditions to strengthen moisture absorption and improve air quality.

HygieneFX® is suitable for use on mats, mattresses, and other floor surfaces for horses, cattle, and other farm animals, even without bedding.

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