



COBIOTEX[®] 410 Absorbant

TECHNICAL DATA SHEET

BIOSECURITY - BIOREMEDIATION:

Drying and bio-protection of floors and litters for the animal well-being



PRINCIPLE

Managing litters, concreted areas and loose boxes are, in livestock breeding, a vital concern for the breeder in order to:

- Provide comfort to livestock.
- Bound to bacterial contaminations in a damp environment.
- Limit the release of gas that are harmful for the animals.

COBIOTEX 410 Absorbant's principle is the **combination of highly-absorbent vegetal and mineral ingredients and a bacterial complex.**

This complex has a high development rate on damp areas and constitutes an **inoculation flora that guides «positive» fermentations:**

- 1) High absorption power on crusted damp litters, loose boxes, damp gratings.
- 2) Use of noxious bacteria's usual nutrients (nutritive competition)
- 3) Fermentations enable an accelerated restoration of litters, an «hygienization» of bedding areas.

BENEFITS - Animal's Health

- Stops litter's degradation.
- Dries up bedding areas.
- Decreases the release of noxious gas (ammonia, H₂S...)
- Control of the microbial commensal populations (coliform bacteria, enterobacteria...)
- Improvement of the livestock's performances
- Decrease frequency of sanitary problems linked to litter's or bedding areas quality.



COMPOSITION

- Bacterial complex composed of lyophilized lactic acid bacteria and *Bacillus subtilis*.
- Nutritive element (biological starter)
- Carrier: Highly absorbent element (Vegetal and Mineral)

Contains essential oil of *Eucalyptus globulus*: exceptionally, can cause an allergic reaction.

COBIOTEX strains are isolated from the natural environment and selected according to their metabolic rates and their ability to efficiently colonise the treated areas.

These strains belong to the group 1 of the European classification of microorganisms. (Directive 2000/54/CE of European Parliament and of the Council of 18 September 2000 on the protection of workers from risks related to exposure to biological agents at work).

Each COBIOTEX strain is individually identified (DNA sequencing) and registered in the 'Collection National de Cultures de Microorganismes' (Institut Pasteur - France).

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INSTRUCTIONS FOR USE



Product **usable in Organic Farming** in accordance with Regulation (EC) N° 2018/848.



Cobiotex 410 Absorbant is used on **damaged litters or damp areas** (loose boxes, concreted floors, loose boxes ...).

POULTRY

- 1) Spread **25 g/m²** over the floor
- 2) Mulch or place the shavings
- 3) Spread **25 g/m²** over the mulching
- 4) As a maintenance **25 g/m²/week**

CATTLE

- 1) Spread **100 to 300 g/loose box** per week
- 2) Spread **300 to 400 g/ cow / week on straw litter**
- 3) Spread **100 g/m²/veal's loose box** per week

SOWS - FARROWING HOUSES

- 1) Spread **200 g / farrowing cage's surface**
- 2) At farrowing, spread **300 g / farrowing cage's surface + 100 g over the warm area or under heat lamp**
- 3) 7 days after farrowing : **spread 200 g / farrowing cage's surface**
- 4) 14 days after farrowing : **spread 200 g / farrowing cage's surface**

POST WEANING

- 1) Before piglets' entrance, spread **50 g/m²** insisting on dirty areas (drinkers, feeders,...)
- 2) Spread **50 g/m²/week**

STABILITY

Active product during **24 months** from manufacturing date when stored in its original packaging protected from light, heat and humidity.

This product must be stored at **stable temperature**.

PACKAGING

Bags of 25 kg (1000 kg/pallet) (Product ref.: D9C410.SA25)