

TOXISORB® Premium

The most effective way of protecting your animals of dangerous mycotoxins in the feed
Technical Information

Application

TOXISORB® Premium efficiently binds all kinds of polar and non-polar mycotoxins found in animal feedstuff. In this fixed state, mycotoxins are rendered innocuously. The table below describes all the mycotoxins adsorbed by TOXISORB® Premium and their typical symptoms.

Adsorbed mycotoxin	Typical symptoms
Aflatoxin B ₁	Immuno suppression, internal bleedings, damage of liver
Deoxynivalenol (DON)	Feed refusal, feed vomit, diarrhoea, immuno suppression
Ergot	Disease of the central nervous system, diarrhoea, spasms
Fumonisin B ₁	Damage of lung and liver
Ochratoxin A	Feed refusal, immuno suppression, damage of kidneys
T-2 Toxin	Diarrhoea, internal bleedings, oral lesions, immuno suppression
Zearalenone (ZON)	Immuno suppression, reproduction problems

Depending on type and concentration of mycotoxins in the feedstuff and the animal species 2 – 4 kg TOXISORB® Premium are added per ton feedstuff. For the prophylactic use a dosage of 0.5 – 2 kg per ton feedstuff is recommended. TOXISORB® Premium is suitable for all species and categories of animals, all ages and all feedstuffs.

Product description

TOXISORB® Premium is a partially modified aluminosilicate with high and selective surface area.

Aspect	Beige powder
Particle size	20 – 40 % > 63 µm
Moisture content	max. 12 %
Bulk density	approx. 820 g/l
pH-value	approx. 10.0 (80 g/l H ₂ O)



Chemical composition (typical values)

SiO ₂	56.0 %
Al ₂ O ₃	17.0 %
Fe ₂ O ₃	5.3 %
CaO	2.7 %
MgO	3.4 %
Na ₂ O	2.0 %
K ₂ O	1.3 %
Loss on ignition	12.2 %

Storage instructions

To maintain the high performance of TOXISORB® Premium, it is necessary to store it in closed and low humidity areas. TOXISORB® Premium must not be stored next to chemicals that give strong odor or evaporate easily, since it can adsorb fumes to a high degree. It can be stored in silos and conveyed with compressed air (dry and oil free). Under these storage conditions, TOXISORB® Premium's shelf life is typically 3 years after packing.

Note: No Mycotoxin claims are made in USA, EU and Canada

All information in this publication is in accordance with our present experience and knowledge. However, since we have no influence on the way in which our products are treated and used, we cannot take any responsibility in this respect. The user must assume responsibility himself for checking whether the products are suitable for the purpose and uses proposed by him. All existing proprietary rights, laws and regulations shall be observed.

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Food and Feed Additives

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