



Product Information



Adsorbent for deactivation of mycotoxins in feedstuff

TOXISORB® is a highly efficient adsorbent for polar as well as non-polar mycotoxins. By specifically modifying the active surface of exquisite montmorillonite clay minerals the product has a high adsorbing capacity for all important mycotoxins to be found in animal feedstuff.

Mycotoxins are toxic acting substances, formed by different fungi which are able to grow on grain or animal feedstuff.

The most important mycotoxins and the typical symptoms caused by them are listed in the following table:

Mycotoxines	Typical symptoms
Aflatoxin	Immuno suppression, internal bleedings, damage of liver
Ochratoxin	Feed refusal, immuno suppression, damage of kidneys
Deoxynivalenol (DON)	Feed refusal, feed vomit, diarrhoe, immuno suppression
T-2 Toxin	Diarrhoe, internal bleedings, oral lesions, immunosuppression
Zearalenon	Immuno suppression, reproduction problems
Fumonisin	Damage of lungs and liver

Product description of **TOXISORB**® :

offered form:	beige-grey powder
grain size:	70% < 63 µm
humidity:	8% (+/- 3%)
bulk density:	about 0.8 kg/l
pH-value:	7.5 – 9 (80 g/l H ₂ O)



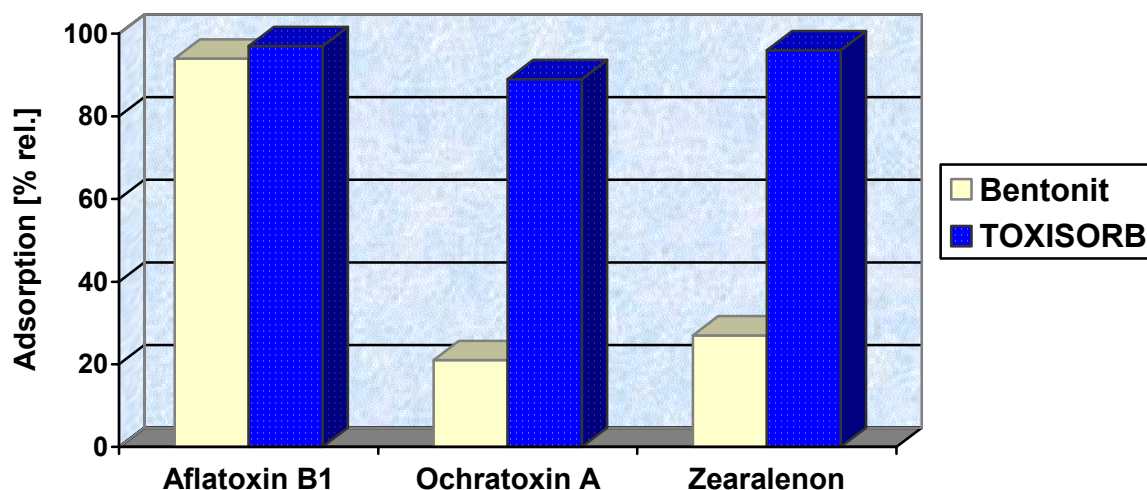
Chemical Analyse of **TOXISORB**[®]

SiO ₂	57,0%	MgO	3,5%
Al ₂ O ₃	17,5%	Na ₂	1,0%
Fe ₂ O ₃	4,5%	K ₂ O	1,5%
CaO	3,5%	loss on ignition	11,5%

Effectiveness of **TOXISORB**[®] in adsorption of mycotoxins:

In comparison to common Bentonite, **TOXISORB**[®] shows the following adsorbing performance at in-vitro-tests:

Mycotoxin adsorption in pepsin solution (pH 3)



Recommended dosage for **TOXISORB**[®]:

Depending on the feed's degree of contamination with mycotoxins, a dosage of 2 – 4 kg/1000 kg feed is recommended for all animals.

	pig/broiler	cow/horse
➤ Preventive application/ weak contamination	2 kg/to feed	40 g/cow/d
➤ Considerable contamination	3 kg/to feed	60 g/cow/d
➤ Appearance of typical symptoms at animals	4 kg/to feed	80 g/cow/d

Further informations: www.bentonit.info

agrimont GmbH

Sole agency for agricultural bentonites of Süd-Chemie AG

Aumühlstr. 6a

D-93326 Abensberg

Tel: +49 (0) 9443-72 84

Fax: +49 (0) 9443-72 85

e-Mail: info@agrimont.de