

micron
BIO-SYSTEMS



UltraSorb A

MYCOTOXIN REMEDIATOR



Aquaculture

REDUCE THE IMPACT OF MYCOTOXINS

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MYCOTOXIN REMEDIATOR

Farmed fish and shrimp can be frequently exposed to health threatening mycotoxins through feed, especially to Aflatoxins and Trichothecenes. UltraSorb A is a species-specific mineral feed developed to help restore productivity in growth and fertility in aquatic species challenged by mycotoxins.

Major Benefits

- Protection against multiple mycotoxins
- Binding, transforming and degrading mycotoxins
- Maintains and improves growth rates
- Protects natural immunity
- Supports good fertility
- Supports overall performance and productivity

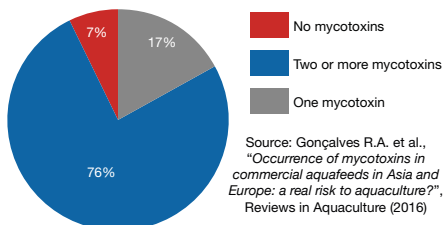


Mycotoxin Risk in Aquaculture

Mycotoxins are one of the most dangerous hidden threats to farmed aquatic health, compromising growth, fertility, disease immunity and overall performance, impacting on business profitability.

Research into the co-occurrence of mycotoxins in commercial compound aqua feeds indicated some 76% containing two or more mycotoxins:

Concurrence of mycotoxins in compound aquafeeds.



Symptoms of Exposure



- Aflatoxins (AFM, AFB₁)
- Fumonisin
- Ochratoxin A
- Zearalenone (ZON)
- Trichothecenes (T2/DON)

REDUCE THE IMPACT OF MYCOTOXINS



Role of UltraSorb A

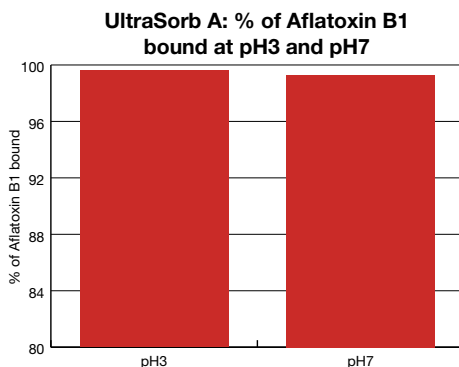
Our unique aqua-specific formulation has three modes of action: highly adsorbent minerals to **bind** a wide range of mycotoxins and their derivatives to make them harmless; biologically active yeast derivatives to **transform** and **degrade** the molecular structure of mycotoxins to improve binding efficacy and protect against the adverse affects of toxin-forming moulds which may be present in the feed.

Trialled and Tested

UltraSorb A has been proven to bind Aflatoxin B1 extremely well, at a range of low and high pH's. Aflatoxins are a known carcinogen, with associated exposure issues including poor growth and feed efficiency, immune suppression, cancerous tumours, liver damage, anaemia and increased mortality rates.

Mycotoxin Sources

Compound feeds containing a mixture of grains, especially maize can harbour mycotoxins. Common toxins include: Aflatoxins, Fumonisins, T2, HT2, DON, ZON, Ochratoxins, Ergots and Patulin.



Source: Micron Bio-Systems

Aquatic



UltraSorb is a mineral feed for use in aquatic animals' (fish, shrimps) nutrition. A source of biologically active components designed to counteract the effects of a wide range of pre-formed mycotoxins present in aquatic animals' feedstuffs by binding or transforming them into inactive or unavailable forms.

Available in 25kg bags and 1 tonne tote bags.

Ingredients:

It includes technological additives such as bentonites, kieselgurs (diatomaceous earth), sepiolites. Composition: Calcium carbonate, yeast products derived from *Saccharomyces cerevisiae*, monopropylene glycol.

Storage:

Store in original sealed packaging in a cool dry place. Keep bag closed when not in use. Best before 24 months after date of manufacture.



ABOUT MICRON BIO-SYSTEMS

Micron Bio-Systems is dedicated to developing cutting-edge product-based agricultural solutions and species-specific programs designed to improve animal health and performance.

MYCOCHECK - The Mycotoxin Analysis Service, available from Micron Bio-Systems. For more information go to mycocheck.co.uk

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