

## Product Data Sheet

# Cebo ImprooFD<sup>®</sup> Ultra

## Agriculture

Cebo ImprooFD<sup>®</sup> Ultra is a specially selected, sodium-activated Bentonite and is primarily used as an anti-caking agent and binder in animal feed. In particular, Cebo ImprooFD Ultra controls radionuclide contamination for all species, and also acts as substance for the reduction of aflatoxin B1 for ruminants, poultry and pigs.

### Typical Properties

<u>Parameter</u>	<u>Test method / In accordance with</u>	<u>Required</u>
Moisture content	% on wet / Halogen 150°C	Max. 12%
Grain size	Sieve	Min. 95% < 125 µm
Specific density	-	≈ 2300 kg/m <sup>3</sup>
Bulk density	-	≈ 900 kg/m <sup>3</sup>
Colour	-	Grey-beige
Form	-	Powder
Odour	-	Odourless
Composition	-	Activated Sodium Bentonite
pH	-	8-11

In so far as we can ascertain, the above-stated information is correct. However, we are unable to provide any guarantees with regard to the results that you will achieve with this. This specification is provided on the condition that you determine yourself to what degree it is suitable for your purposes.

### Heavy metals according to the European guidelines

<u>Parameter</u>	<u>Test method / In accordance with</u>	<u>Required / EU requirement*</u>
Arsenic (As)	EN 15510	Max. 12 mg/kg (I.L.)
Cadmium (Cd)	EN 15510	Max. 2 mg/kg*
Fluor (F)	by titrimetric method	Max. 250 mg/kg (I.L.)
Mercury (Hg)	EN 16277	-
Lead (Pb)	EN 15510	Max. 30 mg/kg* (28 mg/kg I.L.)

### Chemical Properties

<u>Parameter</u>	<u>Test method / In accordance with</u>	<u>Typical value</u>
SiO <sub>2</sub>	XRF	45-55%
Al <sub>2</sub> O <sub>3</sub>	XRF	15-20%
CaO	XRF	5,0-10%
Fe <sub>2</sub> O <sub>3</sub>	XRF	2,0-5,0%
MgO	XRF	2,0-5,0%
Na <sub>2</sub> O	XRF	1,0-4,0%
SO <sub>3</sub>	XRF	1,0-3,0%
K <sub>2</sub> O	XRF	0,5-2,0%
Total Ash	ISO 11536 at 1025 C	80-93%

### Additive composition according to the European guidelines

<u>Parameter</u>	<u>Test method / In accordance with</u>	<u>Required</u>
Dioctaeder montmorillonite	EU 2019/1869	Min. 70% Smectite
Opal and feldspar	EU 1060/2013	Max. 10%
Quartz and Calcite	EU 1060/2013	Max. 4%
AfB1-binding capacity (pH 5)	EU 1060/2013	Min. 90%
PCDD/PCDF (WHO-TE2005 LOQ incl.)	EU 2019/1869	Max. 0,75 ng/kg
Dioxin-like PCB (WHO-TE2005 LOQ incl.)	EU 2019/1869	Max. 0,5 ng/kg
Sum of PCDD/PCDF and Dioxin-like PCB (WHO-TE2005 LOQ incl.)	EU 2019/1869	Max. 1,5 ng/kg
Sum of non dioxine-like PCB	EU 2019/1869	Max. 10 µg/kg
Salmonella	EU 142/2011	Not present

### Certification & Accreditation

Cebo ImprooFD Ultra is delivered with a GMP+ FS B1 certificate, suitable for animal feed. The certificate also shows that Cebo ImprooFD Ultra controls radionuclide contamination for all species (1m558i) and also acts as substance for the reduction of aflatoxin B1 for ruminants, poultry and pigs (1m558).



Cebo ImprooFD Ultra is available in 25 kg bags, 1000 kg Big Bags and as bulk.

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