

Natuphos[®] E 17500 G

Active ingredient

Myo-inositol-hexakisphosphate
beta-phosphohydrolase (EC 3.1.3.26), produced
by *Aspergillus niger*

PRD-No.

30669374

Articles

50510235	20 kg bag in box
50776890	350 kg big plastic bag

Specification

Content	min. 17,500 FTU/g (phytase activity)
---------	---

For further information see separate document:
"Standard Specification (not for regulatory
purposes)" available via BASF's WorldAccount:
<https://worldaccount.basf.com> (registered access).

Other chemical and physical data

Formulation	granulate
Bulk density	0.65 g/cm ³

This product has excellent flow properties and is
free of dust.

Stability

The product should be stored in a cool and dry
place (below 20 °C). In unopened original pack-
aging, the product can be kept for 24 months.

Application

The use of Natuphos[®] E 17500 G is recommended
for pelleted feed up to 95 °C (203°F) pelleting
temperature and for use in premix. At pelleting
temperatures above 90 °C (194 °F), it is
recommended to test for phytase retention as
pelleting conditions vary greatly.

Definition of activity

One unit of phytase activity (FTU) is defined as the
amount of enzyme, which liberates 1 micromole of
inorganic phosphorus per minute from a solution
of 0.0051 mol/l sodium phytate at pH 5.5 and
37 °C.

Dosage recommendation

Natuphos[®] E 17500 G is recommended for
pigs, poultry and various aquacultural species
100 – 2000 FTU/kg* of complete compound feed.

* Especially with regard to minimum dose rate to be
used and animal species approved national regula-
tions may vary and need to be considered prior to
products use. In case of doubts or need for more
detailed recommendations please contact your local
BASF representative.

Note

Enzymes are biologically active substances.
The product should be processed with all due care
and attention to occupational hygiene following
the instructions in the safety data sheet.

This document and any information provided herein does not constitute a legally binding obligation of BASF and has been prepared in good faith and is believed to be accurate as of the date of issuance. Unless expressly agreed otherwise in writing in a supply contract or other written agreement between you and BASF:

- a) To the fullest extent not prohibited by the applicable laws, BASF EXPRESSLY DISCLAIMS ALL REPRESENTATIONS, WARRANTIES, CONDITIONS OR GUARANTEES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, WRITTEN OR ORAL, BY FACT OR LAW, INCLUDING ANY IMPLIED WARRANTIES, REPRESENTATIONS OR CONDITIONS OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, SATISFACTORY QUALITY, NON-INFRINGEMENT, AND ANY REPRESENTATIONS, WARRANTIES, CONDITIONS OR GUARANTEES, ARISING FROM STATUTE, COURSE OF DEALING OR USAGE OF TRADE AND BASF HEREBY EXPRESSLY EXCLUDES AND DISCLAIMS ANY LIABILITY RESULTING FROM OR IN CONNECTION WITH THIS DOCUMENT OR ANY INFORMATION PROVIDED HEREIN, including, without limitation, any liability for any direct, consequential, special, or punitive damages relating to or arising therefrom, except in cases of (i) death or personal injury, (ii) BASF's or its agents and assistants willful misconduct, fraud or fraudulent misrepresentation or (iii) any matter in respect of which it would be unlawful for BASF to exclude or restrict liability under the applicable laws;
- b) Any information provided herein can be changed at BASF's sole discretion anytime and neither this document nor the information provided herein may be relied upon to satisfy any obligations you may have to undertake your own inspections and evaluation;
- c) BASF rejects any obligation to, and will not, automatically update this document and any information provided herein, unless required by applicable law; and
- d) You are responsible for confirming that you have retrieved the most current version of this document from BASF.
- e) This document or any information provided herein must not be used for purposes of pharmaceutical registrations.

October 2023