AC FERT 100

Anticaking agent for water soluble fertilizers
Urea - Nitrates - Nitrites based formulation – Ammonium sulphate

CAS 91078-68-1

EINECS 293-351-6

PRODUCT SPECIFICATIONS

Aspect: minute microcrystal
Color: bright beige
pH value solution 1% to 20%C: 7,5 ± 1,0
Apparent density: g/ml 0,600 ± 0,100
Water behavior: soluble

PHYSICO-CHEMICAL SPECIFICATIONS

Chemical composition: product mixture sulphonates and sulphates
Application sector: water soluble fertilizers
Active substance: about 98%
Effective ion charge: anionic
Compatibility: compatible with anionic e non ionian products
Storage stability: 24 months preserved in the original packaging and dry

TYPICAL CHARACTERISTICS
APPLICATIONS

This product is the result from several studies executed on the caking behavior of water soluble fertilizers. It can be used on fertilizers based on ureum, as well as based on nitrates/nitrites.

Based on this last property the AC FERT 100 is a very innovative product and represents the newest generation of anticaking agents based on polynaphthalensulfonates.

The advantages are obvious: less space necessary for storage, easier for (re)ordering, improvement of the anti-caking properties and last but not least the use of only 1 product instead of 2.

The product has also been tested in fertilizers with different moisture content. In practice this means that with fertilizers with a low moisture content (2 ÷ 3 %) it is sufficient to use a quantity of the AC FERT 100 of around 0,5 - 0,6 %.

When the products have a high moisture content (±5%) the quantity of the AC FERT 100 has to be increased to 0,7 - 1,0 %