

TECHNICAL INFORMATION

Hakaphos® Base



COMPO EXPERT GmbH
Krögerweg 10
48155 Münster
Germany
E-Mail: info@compo-expert.com

Technical data:	
Macronutrients	
EC FERTILIZER	
7,0 % nitrogen (N)	
- % NH ₄ nitrogen	
7,0 % NO ₃ nitrogen	
- % NH ₂ nitrogen	
12,0 % phosphate (P ₂ O ₅) soluble in neutral ammonium citrate and water	5,2 % phosphor (P), soluble in neutral ammonium citrate and water
12,0 % P ₂ O ₅ water soluble	5,2 % water soluble P
40,0 % potassium oxide (K ₂ O), water soluble	33,2 % potassium (K), water soluble
2,0 % magnesium oxide (MgO)	1,2 % magnesium (Mg)
2,0 % water soluble MgO	1,2 % water soluble Mg
4,4 % sulfur (S)	11,0 % sulfur trioxide (SO ₃)
4,4 % water soluble sulfur (S)	11,0 % water soluble SO ₃
Micronutrients	
0,01 % boron (B)	
0,05 % iron (Fe)	
0,02 % zinc (Zn)	
0,02 % copper (Cu)	
0,001 % molybdenum (Mo)	
0,05 % manganese (Mn)	
low in chlorine	

Physical properties:	
Colour :	grey-white
Bulk density (g/l):	1300-1400
pH (1:10 in water) =	2,5 - 3,5
Physical appearance :	Crystalline solid fertilizer, homogenously treated for improved transport and storage properties.

Recommendation for application:

This fertilizer contains all stated plant nutrients for a customized fertilization of agricultural and horticultural crops. Its excellent solubility prevents clogging of drip emitters or nozzles. As, however, certain types of water may lead to precipitation even without the addition of fertilizer, special care is required where such waters are used.

Miscibility:

This fertilizer is miscible with virtually all the common plant protection agents; it is not miscible with strongly alkaline products or with mineral oils. A simple compatibility test with the intended mixing partners is recommended before practical use.

Notice to buyer:

Careful tests have proven that the product is suitable for the recommended purposes when used in accordance with our instructions. However, since storage and use are beyond our control and we are unable to foresee all circumstances arising there from, we are only liable for a consistent quality of the product, but the risk of its storage and use is not borne by us.

Storage:

This fertilizer can be stored in the unopened original container for several years. Opened containers should be used up or be resealed immediately; the product is hygroscopic. Any hardening of the product that may occur during prolonged storage does not influence the chemical quality and solubility of the product.

For further information please check our internet site www.compo-expert.com or contact our local sales team.

Cu, Fe, Mn and Zn chelated by EDTA.