

# TECHNICAL INFORMATION

Vitanica® Si



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Technical data: Macronutrients	
5,0 % nitrogen (N)	
- % NH <sub>4</sub> nitrogen	
- % NO <sub>3</sub> nitrogen	
5,0 % NH <sub>2</sub> nitrogen	
3,0 % phosphate (P <sub>2</sub> O <sub>5</sub> ) soluble in neutral ammonium citrate and water	1,3 % phosphor (P), soluble in neutral ammonium citrate and water
3,0 % P <sub>2</sub> O <sub>5</sub> water soluble	1,3 % water soluble P
7,0 % potassium oxide (K <sub>2</sub> O), water soluble	5,8 % potassium (K), water soluble
- % magnesium oxide (MgO)	- % magnesium (Mg)
- % water soluble MgO	- % water soluble Mg
- % sulfur (S)	- % sulfur trioxide (SO <sub>3</sub> )
- % water soluble sulfur (S)	- % water soluble SO <sub>3</sub>
Micronutrients	
- % boron (B)	
- % iron (Fe)	
- % zinc (Zn)	
- % copper (Cu)	
- % molybdenum (Mo)	
- % manganese (Mn)	
<b>low in chlorine</b>	

**Physical properties :**

Colour:	colorless to pale yellow
Bulk density (kg/ l) :	1,230
pH ( 1:10 in water)=	>12
Physical appearance:	very slightly cloudy

**Miscibility:**  
 This fertilizer is miscible with virtually all the common plant protection agents. Mixtures with strong alkalis or mineral oils should be avoided. A simple compatibility test with the intended mixing partners is recommended before practical use.

**General Product Information:**  
 Vitanica SI is an NPK fertilizer containing natural algae extract derived from Ecklonia maxima as well as 10% SiO<sub>3</sub> for a high stability of the grass blades. The product was specifically developed for application on turf. Typical application: 1-2% in 600-1000 L/ha.



For more information please contact your representative.

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