



**ESTA® Kieserit** fine

**EC FERTILISER**

Kieserite 27+55

27 % MgO, water-soluble magnesium oxide (= 16.3 % Mg)

55 % SO<sub>3</sub>, water-soluble sulphur trioxide (= 22 % S)

Version 4.3

Printing date 2019-08-25

**Chemical Analysis:**

	<b>typ.</b>	<b>w</b>
• Magnesium Sulphate (MgSO <sub>4</sub> )	81	%
• Other Sulphates (K <sub>2</sub> SO <sub>4</sub> , CaSO <sub>4</sub> , Na <sub>2</sub> SO <sub>4</sub> )	5	%
• Chlorides (KCl, NaCl)	2.5	%
• Others, mainly Water of Crystallization	11.5	%
• Cl	<= 3	%

**Granulometry:**

	<b>typ.</b>	<b>w</b>
• > 0.8 mm	8	%
• 0.09 - 0.8 mm	90	%
• < 0.09 mm	2	%
• d <sub>50</sub> [mm]	0.38	

**Storage:**

• Bulk Density	ca. 1,380 kg/m <sup>3</sup>
• Bulk Density (packed)	ca. 1,550 kg/m <sup>3</sup>
• Angle of Repose	ca. 34 °

The product is to be kept dry and covered with a plastic tarpaulin to protect from moisture. Where bulk product is stored, steel joists and columns should be protected from corrosion, as well as the floor and the walls should be furnished with a protective coating. Wooden walls and roof girders have proved to be particularly durable.

**Application:**

Adequate magnesium and sulphur nutrition is essential to obtain maximum yield and quality. ESTA® Kieserit fine contains magnesium and sulphur as water soluble sulphate, which is readily available to the plant. ESTA® Kieserit fine can be applied to all crops and soil types - regardless of pH-value and is immediately available with long-lasting effect. ESTA® Kieserit fine can be applied as a "straight" or can be used in a manufacture of compound fertilizers.

Our product is made from crude potassium salt of natural origin and is permitted for use in organic farming according to the Regulations (EC) No 834/2007 and (EC) No 889/2008.

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The data given above is based on our continuous quality monitoring system. They do not exempt the user from his obligation to make an incoming inspection of the delivered product. The data are for information purposes and do not constitute any guarantee. It is the responsibility of the user to determine the product's suitability for his intended use.