



## Magnesia-Kainit®

### EC FERTILISER

Crude potassium salt 11 (+5+27+10)

11 % K<sub>2</sub>O, water-soluble potassium oxide (= 9.1 % K)

5 % MgO, water-soluble magnesium oxide (= 3 % Mg)

27 % Na<sub>2</sub>O, total sodium oxide (= 20 % Na)

10 % SO<sub>3</sub>, water soluble sulphur trioxide (= 4 % S)

43 % Cl, Chloride

Version 4.0

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### Chemical Analysis:

	typ.	w
• Potassium chloride (KCl)	17	%
• Sodium chloride (NaCl)	58.5	%
• Magnesium Sulphate (MgSO <sub>4</sub> )	15.5	%
• MgCl <sub>2</sub> , K <sub>2</sub> SO <sub>4</sub> , CaSO <sub>4</sub>	5	%
• Others, mainly Water of Crystallization	4	%

### Granulometry:

	typ.	w
• > 5.0 mm	8	%
• 1.6 - 5.0 mm	82	%
• < 1.6 mm	10	%
• d <sub>50</sub>	2.7	

### Storage:

• Bulk Density	ca. 1,150 kg/m <sup>3</sup>
• Bulk Density (packed)	ca. 1,210 kg/m <sup>3</sup>
• Angle of Repose	ca. 35 °

Keep in a dry place and protect from moisture. A bituminous coating is recommended for the floor and walls of bulk stores. Metal surfaces should receive a corrosion resistant coating. Wooden walls and roof trusses are ideal. Magnesia-Kainit can also be stored in the open. The storage area should be as plain as possible and its surface has to be waterproof. The product should be thoroughly protected from soil moisture. In practice, it has proven to be efficient to cover the product with a plastic tarpaulin of at least 0,2 mm thickness held in place by means of old tyres.

### Application:

Magnesia-Kainit® is used as a special fertilizer for plants with a high sodium demand such as sugar beet. Besides 11 % K<sub>2</sub>O and 5 % MgO it also contains 20 % sodium. Regular fertilisation of grassland with this product improves the health, productivity and fertility of the animals through enrichment of the basic fodder in magnesium and sodium.

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.