



**PRODUCT INFO  
& DATASHEET**

## **SICO KIESERITE 'POWDER'**

**26% MgO + 21% S**

*Permitted for use in organic farming  
- EC Fertiliser -*

### **1/ GUARANTEED VALUES**

26% MgO, Magnesium Oxide soluble in water

21% S, Sulphur soluble in water

### **2/ TYPICAL CHEMICAL ANALYSIS** (w)

Magnesium Sulphate (MgSO <sub>4</sub> )	78%
Other Sulphates (K <sub>2</sub> SO <sub>4</sub> , CaSO <sub>4</sub> )	3%
Chlorides (KCl, NaCl)	5%
Others (mainly water of crystallization)	14%

### **3/ TYPICAL GRANULOMETRY** (w)

> 0.5 mm	14%
0.09 - 0.5 mm	81%
< 0.09 mm	5%
d50 (mm)	0.3

### **4/ STORAGE**

bulk density	ca. 1,350 kg/m <sup>3</sup>
bulk density (packed)	ca. 1,550 1,350 kg/m <sup>3</sup>
angle of repose	ca. 35 °

Store 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. It is recommended to cover bulk-stored product with a plastic tarpaulin especially in case of high atmospheric humidity.

### **5/ APPLICATION**

It is vital to recognise the importance of Mg and S fertilisation to achieve maximum yield and crop quality. Kieserite 'powder' contains Magnesium and Sulphur as water soluble Sulphate, which is readily available to plant. Kieserite 'powder' can be applied to all crops and soil types - regardless pH value and is immediately available with long-lasting effect. Kieserite 'powder' can be applied as a 'straight' or used in the manufacture of compound fertilisers.

### **6/ ORGANIC FARMING**

This 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.

### **7/ OTHER INFORMATION**

Non-combustible and not mentioned in the EC Regulations of 04/05/1976 concerning discharge of dangerous materials into water. In general it has no detrimental effects to water.

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