EC FERTILISER
Crude potassium salt 9 (+4+35+9)
- 9 % K₂O, water-soluble potassium oxide (= 7.5 % K)
- 4 % MgO, water-soluble magnesium oxide (= 2.4 % Mg)
- 35 % Na₂O, total sodium oxide (= 26 % Na)
- 9 % SO₃, water soluble sulphur trioxide (= 3.6 % S)
- 47 % Cl, Chloride

### Chemical Analysis:

<table>
<thead>
<tr>
<th>Component</th>
<th>Typical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium chloride (KCl)</td>
<td>13 %</td>
</tr>
<tr>
<td>Sodium chloride (NaCl)</td>
<td>67 %</td>
</tr>
<tr>
<td>Magnesium Sulphate (MgSO₄)</td>
<td>11 %</td>
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<tr>
<td>MgCl₂, K₂SO₄, CaSO₄</td>
<td>4 %</td>
</tr>
<tr>
<td>Others, mainly Water of Crystallization</td>
<td>5 %</td>
</tr>
</tbody>
</table>

### Granulometry:

- 1.6 - 5.0 mm: 75 - 85 %
- \(d_{50}\): 3.0 ± 0.3 mm

### Storage:

- Bulk Density: ca. 1,150 kg/m³
- Bulk Density (packed): ca. 1,210 kg/m³
- 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 9 % K₂O and 4 % MgO it also contains 26 % 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 (EU) 2018/848 and (EC) No 889/2008.