



Patentkali® 'granular'
EC FERTILISER

Sulphate of Potash containing Magnesium Salt, with S 30/10
30 % K₂O, water-soluble potassium oxide
10 % MgO, water-soluble magnesium oxide
17 % S, water-soluble sulphur

Version 2.2

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| Chemical Analysis: | typical | w |
|--|----------------|----------|
| • Potassium Sulphate (K ₂ SO ₄) | 50.5 | % |
| • Magnesium Sulphate (MgSO ₄) | 30.5 | % |
| • Other Sulphates (CaSO ₄ , etc.) | 1.5 | % |
| • Chlorides (KCl, NaCl) | 5.5 | % |
| • Water of crystallisation (H ₂ O) | 12 | % |
| • Cl | <= 3 | % |

| Granulometry: | typical | w |
|------------------------|----------------|----------|
| • > 4.0 mm | 20 | % |
| • 2.0 - 4.0 mm | 73 | % |
| • < 2.0 mm | 7 | % |
| • d ₅₀ [mm] | 3.15 | |

Storage:

- Bulk Density approx. 1,190 kg/m³
- Bulk Density (packed) approx. 1,240 kg/m³
- Angle of Repose approx. 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. It is recommended to cover bulk-stored product with a plastic tarpaulin especially in case of high atmospheric humidity.

Application:

Patentkali® 'granular' is a highly concentrated fertiliser containing the three nutrients potassium, magnesium and sulphur, all in the sulphate form, in an ideal ratio. All three nutrients are readily water-soluble and immediately available to plants. Patentkali® 'granular' has a low salt index and is virtually chloride-free (max. 3 %). It is thus an ideal K, Mg and S source for chloride and salt-sensitive crops such as fruits, vegetables, grape-vines, hops, potatoes, sunflowers and forest trees. Patentkali® 'granular' is effective on all soil types, irrespective of pH.

Our product is made from naturally occurring crude potassium salt and is permitted for use in organic farming according to the Regulation (EEC) No 2092/91 and the Regulation (EC) No 1073/2000.

® = registered trademark of companies of K+S group

The data given above are based on our continuous quality monitoring system. They do not exempt the users from their obligation to make an incoming control of the delivered product. The data are for information purposes only and are not to be taken as a guarantee. It is the responsibility of the users to determine the product's suitability for its intended use.