



# soluCMS®

## Magnesium Sulphate Anhydrous for Water-soluble Fertilisers



soluCMS®

### Magnesium Sulphate Anhydrous

**98.4 %  $\text{MgSO}_4$**  magnesium sulphate  
**0.6 %  $\text{K}_2\text{SO}_4$**  potassium sulphate  
**0.5 %  $\text{CaSO}_4$**  calcium sulphate

### soluCMS®

- is produced by calcination of natural magnesium sulphate (kieserite).
- is an ideal desiccant for water-soluble fertilisers.
- is virtually free of chlorides, heavy metals and organic substances.
- provides highly concentrated magnesium sulphate for the production of water-soluble fertiliser blends.
- reduces caking in fertiliser blends due to its water-binding properties.
- improves storage properties and quality conservation.
- remains free-flowing under dry storage.
- is compatible with most fertilisers, but is not recommended for blends with calcium nitrate.
- is exempt from REACH registration due to its natural origin.
- when used as straight fertiliser is compatible with most other fertilisers and plant-protection products, but may not be combined with calcium-rich fertilisers. Please perform tank mix before using and follow producer instructions.

<b>Appearance</b>	nearly white salt, hygroscopic
<b>Granulometry</b>	98 % <0.8 mm, d50 = 0.33 mm
<b>Bulk density</b>	1300 kg/m <sup>3</sup>
<b>Angle of repose</b>	ca. 31°
<b>Molecular weight</b>	120.37 g/mol
<b>Density</b>	2.7 g/cm <sup>3</sup>
<b>Solubility (<math>\text{MgSO}_4</math>) in water</b>	26.3 % at 20 °C (68 °F)
<b>Water-insolubles</b>	1.5 % (stirring for 15 min, 20 °C)

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