



GranuAid[®]

Stabilizer for Granular Products



Appearance	nearly white salt, hygroscopic
Granulometry	0.09 - 0.8 mm = 85 %, d50 = 0.33 mm
Bulk density	1300 kg/m ³
Angle of repose	ca. 31°
Molecular weight	120.37 g/mol
Density	2.7 g/cm ³
Solubility in water	26.3 % at 20 °C (68 °F)

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Declaration (typical composition)

- 98.4 %** Magnesium sulphate (MgSO₄)
- 1.1 %** Other sulphates (K₂SO₄, CaSO₄)
- 0.5 %** Others, mainly water of crystallisation

Technical strengths

- Improves the mechanical properties of CAN, ASS, NPK granulates (hardness, smooth spherical surface)
- reduces caking of the fertilizer.
- stabilizes the granulation process.
- remains free-flowing under dry storage.

Economic advantages

- is able to bind up to 100 % of its weight as water of hydration and thus reduces drying costs.
- allows better spreading and blending.
- remains highly soluble.
- improves storage properties, quality conservation and reduction of physical losses.
- is virtually free of chlorides, heavy metals and organic substances.
- is exempt from REACH registration due to its natural origin.
- delivers results starting from a minimum dosage of 0.1 - 1 %.

K Plus S Middle East FZE

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A K+S Company

