

Anti-caking agent and magnesium source for mineral fertilizers - AgroMag® 100-300

Description

A fine white powder of magnesium hydroxide. Produced from selectively mined natural magnesium hydroxide (ground brucite) by milling and classifying.

Application

Used to reduce the caking of ammonium nitrate granules and complex fertilizers, for improving of Particle Size Distribution, for increasing of the strength of granules. The source of magnesium in fertilizers.

Properties

Parameter	Specification
MgO/Mg(OH) ₂ , %, min	60.0/87.0
CaO, %, max	4.0
SiO ₂ , %, max	4.0
Fe ₂ O ₃ , %, max	0.5
Loose Bulk Density, kg/m ³ , min	700
Humidity, %, max	0.5
Particle Size Distribution	
Volume fraction >315 μm, %, max	23.0
Volume fraction <100 μm, %, max	70.0
Product appearance	White, fine, homogeneous powder

Storage

The shelf life is 5 years from date of manufacturing, while maintaining the tightness of packing

Packing

In bulk, in polypropylene bags (40 kg), big bags

Safety

Refers to low-hazard substances; fire- and explosion-proof, non-toxic

Transportation

Transported by all modes of transport in accordance with the rules of transportation of goods that operate in this mode of transport