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TECHNICAL DATA SHEET

MAGNESITE

USES

MAGNESITE is mainly used in the agricultural industry as a natural fertilizer in magnesium deficient soils.

PRODUCT DESCRIPTION

MAGNESITE is a magnesium bearing mineral mainly consisting of magnesite ($MgCO_3$) and lizardite ($Mg_3SiO_5(OH)_4$).

PHYSICAL PROPERTIES

Property	Value
Colour	: Light brown
pH (5 % in H_2O)	: 8 – 9
Bulk density	: 0.9 – 1.05 g/cm^3
Moisture (dried at 120°C)	: < 5%
Sieve grading (mass % retained on 106-micron sieve)	: < 5%
Sieve grading (mass % retained on 75-micron sieve)	: <15%

CHEMICAL PROPERTIES

Chemical	**%**
SiO_2	30.42
Al_2O_3	0.35
CaO	0.16
Fe_2O_3	5.09
MgO	35.18
LOI	27.30

TYPICAL MINERALOGY

Mineral	**%**
Magnesite	>50

PACKAGING

1000kg bulk bags

STORAGE

Must be stored in a moisture-free zone.

Revision: 6
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