



PRODUCT INFO
& DATASHEET

SICO-MAG 32.8

Magnesium Sulphate Anhydrous min. 32.8% MgO + 26% S

Origin: China

09/2020

1/ PRODUCT DESCRIPTION

Chemical name	Magnesium Sulphate Anhydrous
Molecular formula	MgSO ₄
Formula weight	120.37
CAS number	7487-88-9
HS	28332100
Purity	min. 98 %



2/ SPECIFICATIONS

Parameters	Standard specs.	Test Results
Appearance	White powder	White powder
MgSO ₄	≥ 98 %	99 %
Magnesium (Mg)	≥ 19.6 %	19.8 %
Magnesium Oxide (MgO)	≥ 32.8 %	32.9 %
Sulphur (S)	≥ 26 %	26.1 %
Chloride (Cl)	≤ 100ppm	50ppm
Heavy metals :		
Iron (Fe)	≤ 20ppm	10ppm
Lead (Pb)	≤ 8ppm	1ppm
Cadmium (Cd)	≤ 10ppm	3ppm
Arsenic (AS)	≤ 2ppm	1ppm
pH	5.0 – 9.2	Pass
Water soluble	100 %	100%
Moisture (105°)	≤ 2 %	1 %

The above particulars do not release the customer from the obligation to carry out an inspection of goods received.

3/ APPLICATIONS AND USE

- * Used as a high quality fertiliser in agricultural crops. SICO-MAG 32.8 is applied after being dissolved in water through irrigation systems or as a foliar spray.
- * Used in the formulation of high quality NPK fertilisers.

4/ STORAGE

Store at a cool and dry place. Excessive storage pressure and large temperature fluctuations can result in caking, which can be broken up by pounding of the bags.

5/ PACKING

In 25 kg wpp+pe bags (loose bags, without pallets), about 25 MT/20ft fcl or 24 MT/20ft fcl if on pallets.