



**PRODUCT INFO
& DATASHEET**

SICOKAL MICRO

NATURAL MICRONIZED CALCIUM SULPHATE DIHYDRATE 95-97 %

1/ PRODUCT DESCRIPTION

Sicokal Micro is a finely ground powder produced from the processing of high purity gypsum mineral ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ - Calcium Sulphate Dihydrate).

2/ APPLICATIONS

This product is used as a filler in glues, adhesives, paints, polymers and other compounds.

It is used to improve the structure of clay soils on farmland and sports fields.

Used in the agricultural industry as a calcium and sulphur medium in fertilisers and soil improvers, on account of its chemical composition.

3/ TECHNICAL DATA

The technical data outlined represents typical figures only. For further details, please contact us.

Chemical Composition:

| | |
|--|------------|
| Purity, as $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ | 93 to 96 % |
| Water of crystallisation | 20 % |
| SO_3 equivalent | 42 % |
| CaO equivalent | 30 % |
| Limestone (CaCO_3) | 5 % |
| Sand (SiO_2) | 1 % |
| Iron, as Fe_2O_3 | 0.1 % |
| Magnesium, as MgO | 0.3 % |
| Aluminium, as Al_2O_3 | 0.2 % |
| Sodium, as Na_2O | 0.1 % |
| Potassium, as K_2O | 0.1 % |
| pH | 8 |

Physical Data:

| | |
|------------------|------|
| Apparent density | 0.90 |
| Moisture | 0 % |

Sieve Analysis:

| Sieve | % weight retained |
|---------------|-------------------|
| + 630 microns | 2 % |
| + 100 microns | 40 % |

4/ REMARKS

- * Unless otherwise stated, our standard test methods apply. To obtain a copy of the test methods used, please contact us.
- * When stored under normal dry conditions, this product will not deteriorate chemically however, it is susceptible to compaction lumps.
- * Absorption of moisture can result in changes to physical properties, primarily the formation of lumps.
- * For further technical information or advice on any matter relating to the product, please contact us.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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