



PRODUCT INFO  
& DATASHEET

## SULFACAL

### Calcium Sulphate Dehydrate

32.1 % CaO + 44.7 % SO<sub>3</sub> + 1.1 % MgO

Fine high purity gypsum mineral - Origin: E.C.

Revised 11/2020

#### **1/ PRODUCT DESCRIPTION**

SULFACAL is a very finely ground powder produced from the processing of high purity gypsum mineral Calcium Sulphate Dihydrate.

Name : SULFACAL Calcium Sulphate Dihydrate  
Chem. comp. : CaSO<sub>4</sub>.2H<sub>2</sub>O

#### **2/ APPLICATIONS**

Applications include:

- Use as a filler in adhesives and paints.
- As a filler and pigment in the paper industry.
- Provides Sulphate for the manufacture of glass.
- Used as an additive to help control setting time in the formulation of hemihydrate plasters.
- As fertiliser.

#### **3/ TECHNICAL DATA**

##### CHEMICAL PROPERTIES

* Purity	92	%
* <u>Typical Chemical Composition:</u>		
Water of crystallisation	19.5	%
moisture content	< 2	%
Solubility of gypsum in water	2.1	g/ltr
pH	8.5	
* Mean particle diam (microns)	20	
* Specific gravity of gypsum	2.32	
* Apparent density (g/cm <sup>3</sup> )	1.2	
* Gypsum Hardness (MOH scale)	2	

##### PHYSICAL PROPERTIES

* Colour	white
Colorometer L* value	90.6
Colorometer a* value	-0.07
Colorometer b* value	0.85
* <u>Sieve Analysis:</u>	
Sieve	% weight retained
+ 200 mm	0.0 %
+ 63 mm	0.3 %
+ 40 mm	15.0 %

The technical data outlined represents typical figures only.

#### **4/ STORAGE**

When stored under normal dry conditions, this product will not deteriorate chemically however it is susceptible to compaction lumps.

#### **5/ PACKING**

In 25 kg bags or 1000 kg big bags.

#### **6/ HEALTH AND SAFETY**

Health and safety information sheets are available on request

No liability is accepted for injury to any person or loss or damage to property by improper use of the product. All information has been provided in good faith but the information may be subject to change. Any instruction manuals or other literature provided with the product or in respect of the product at any time thereafter are correct at the time of supply but may be updated at a later date. Should the user or product at any time be unsure about the contents or currency of any such information manuals or other literature then please contact us.

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