

# SULFACAL CS2W

Food, Agriculture and Environment

## PRODUCT DESCRIPTION

Sulfacal CS2W is Calcium Sulphate Dihydrate (CaSO<sub>4</sub>.2H<sub>2</sub>O). It is an off-white powder produced from the processing of high purity gypsum mineral as listed in the Catalogue of Feed Materials (Commission Regulation (EU) No 575/2011).

This product is used in feed as a source of calcium.

## PRODUCT BENEFITS

- + Listed in the catalogue of Feed Materials (Commission regulation (EU) No 575/2011)
- + Typical Calcium content = 23%
- + Typical Sulphur content = 18%
- + Halal and Kosher certified
- + GMP + FSA assured

## APPLICATIONS

Animal Feed

## TECHNICAL INFORMATION

Chemical Properties	
Chemical Name	Calcium Sulphate Dihydrate
Moisture Content %	0.5
Solubility of gypsum in water g / litre	2.1
Chemical Composition	CaSO <sub>4</sub> .2H <sub>2</sub> O
Min. Gypsum Purity (%)	99
Physical Properties	
Colour	Off-White
Seive Analysis (Mesh size & % weight retained)	0.2% at 300µm   2.5% at +150µm   10% at +75µm
Specific gravity of gypsum	2.32
Bulk density (loose) kg / m <sup>3</sup>	900
Compacted bulk density (kg/m <sup>3</sup> )	1200

The technical data outlined represents typical figures only. For further details, please contact Saint-Gobain Formula directly.

## INSTRUCTIONS FOR USE

The following product data represents typical figures for Sulfacal CS2W manufactured in the UK: **Calcium content = 23%**. As this product is manufactured from a naturally occurring mineral, variations in colour and non-gypsum content are to be expected.

**Disclosure Statement Sulfacal CS2W is not processed to control microbial pathogens, including Salmonella.**

The grinding and packaging of this product does not include a validated kill step for microbial pathogens. Since Saint-Gobain Formula does not process this product to control microbial pathogens you should ensure that you will minimise or prevent this hazard in connection with your further manufacturing of the product into feed products that you produce.

### Physical hazards

- + Hazard And Critical Control Points (HACCP) - 25kg paper sacks
- + Non-Metallic - 1.0 mm screen after grinding
- + Metallic: Tunnel metal detection - calibrated to 2.5mm Fe, 3.00 mm Stainless steel, 3.0mm non-ferrous

Application performance: Since the conditions under which Sulfacal CS2W is used are varied and beyond our control, performance is not guaranteed for any particular application.

## PACKAGING AND SHELF LIFE

	Packaging Available	Shelf Life (Month)
Bag	25 kg	24

When stored under dry conditions and in its original packaging, the product will have a specified shelf life that commences from the date of manufacture that is displayed on each sack. Shelf life depends on the packaging type. For those products where a defined 'best before' date is applicable, BBE (Best Before End) followed by the date will be displayed on each sack.

## STORAGE

Plaster based products are not recommended for conditions where they are likely to be located externally or in any way subjected to weathering or excessive dampness.

Absorption of moisture can result in changes to physical properties, including a reduction in the set strength of plasters and also a lengthening of setting time.

Gypsum minerals can be affected by absorption of moisture and may change physical properties.

To help protect the product during use, open or part used bags should be carefully folded and closed. Each bag is date stamped and stocks should be rotated so that the oldest material is used first.

## CERTIFICATION

**Sulfacal CS2W conforms to the specification for Calcium Sulphate Dihydrate in accordance with Directive 2002/32/EC on undesirable substances in animal feed as amended by Commission Regulation (EU) No 68/2013.**

- + Arsenic: 2ppm max
- + Cadmium: 2ppm max
- + Fluorine: 150ppm max
- + Lead: 10ppm max
- + Mercury: 0.1ppm max
- + Dioxins: 0.75ppt max
- + Sum of Dioxins & Dioxin-like PCBs: 1.0ppt max
- + Non Dioxin-like PCBs: 10ppb max

**Sulfacal CS2W is manufactured in a facility registered as a feed business operator (GB/258/R535) and on a process where feed safety is managed by the application of HACCP principles in accordance with Regulation (EC) No 183/2005. Sulfacal CS2W is labeled in accordance with Regulation (EC) No 767/2009**

## ENVIRONMENT, HEALTH AND SAFETY

Material Safety Data Sheets of Saint-Gobain Formula plasters and gypsum minerals are available for all products and may be obtained directly on our website in the [product](#) and [documentation](#) sections. No liability is accepted by Saint-Gobain Formula for injury to any person or loss or damage to property by improper use of the product.

## NOTIFICATION

The plaster to water ratios quoted are those used in Saint-Gobain Formula's standard test methods and are not necessarily those used in practice. The precise consistency to use will need to be adjusted to suit the individual application. Changes to plaster to water ratio will influence product performance, particularly setting time and strength. Unless otherwise stated, Saint-Gobain Formula's standard test methods apply. To obtain a copy of the test method, please contact Saint-Gobain Formula directly. This literature cancels and replaces any previous document. All information given is provided in good faith and may be subject to change. It's advisable to contact Saint-Gobain Formula in case of any doubt arising from the content of such information.

## CONTACT

*For any information, please visit our website*  
*[www.saintgobainformula.com](http://www.saintgobainformula.com)*



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