

SULFACAL HH FEED

Feed Material

Sulfacal HH Feed is Calcium Sulphate Hemihydrate ($\text{CaSO}_4 \cdot 1/2\text{H}_2\text{O}$). It is a white powder produced by a process of partial dehydration of high purity gypsum mineral as listed in the Catalogue of Feed Materials (Commission Regulation (EU) No 68/2013).

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



TECHNICAL PROPERTIES*



Chemical name	Calcium Sulphate Hemihydrate
Chemical composition	$\text{CaSO}_4 \cdot 1/2\text{H}_2\text{O}$
Minimum gypsum purity (%)	93
Sieve analysis (% weight retained & mesh size)	0.2 at 300 μm 5 at +150 μm 25 at +75 μm
Colour	White
Moisture content (%)	0.5
Specific gravity of gypsum	2.55
Bulk density (compacted) (kg/m^3)	900
Bulk density (compacted) (kg/m^3)	1300

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

DISCLOSURE STATEMENT



Microbiological Activity : Sulfacal HH Feed is a dry powder and an inorganic mineral. Testing is not performed.

PHYSICAL HAZARDS



+ HACCP critical control points - 25Kg paper sacks
+ Non-Metallic: 250 μm screen after grinding.

PRODUCT BENEFITS

- ✓
High purity natural hemihydrate
- ✓
Listed in the catalogue of Feed Materials (Commission regulation (EU) No 68/2013)
- ✓
Calcium content = 26%
- ✓
Halal & Kosher certified

KEY INFORMATION



The following product data represents typical figures for Sulfacal HH Feed manufactured in the UK Calcium content = 26%. As this product is manufactured from a naturally occurring mineral variations in colour and non-gypsum content are to be expected.

CERTIFICATION



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

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

Sulfacal HH Feed is manufactured in a facility registered as a feed business operator and on a process where feed safety is managed by the application of HACCP principles in accordance with Regulation (EC) No 1831/2003. Sulfacal HH Feed 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.

PACKAGING AND SHELF LIFE*



Packaging Type	Packaging Available	Shelf Life (Months)
Bag	25 kg	12
Bulk bag	1 T	Technical properties are noted at receipt of goods

*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. 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.

DISCLAIMER



This product has been designed for the intended use outlined in this product datasheet. All information herein cancels and replaces any previous document and is provided for sole indicative purpose and is based on Saint-Gobain Formula's knowledge and experience on the date of issuance of this datasheet. Saint-Gobain Formula reserves the right to amend or modify this datasheet. To make sure you are up to date with the latest changes that may have occurred, visit frequently our website. It is advisable to contact Saint-Gobain Formula in case of any doubt arising from the content of such information. Unless otherwise stated, Saint-Gobain Formula's test methods apply. To obtain a copy of the test method, please contact Saint-Gobain Formula directly.

Saint-Gobain Formula shall not be liable for damages or losses of any kind due to an improper use of the product. This datasheet shall not be construed as a substitute for a professional advice before product's use or installation. It is the user's responsibility to use, or install, the products in strict compliance with the applicable norms, standards and professional uses in force on the date of use, or installation.



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www.saintgobainformula.com