



## Product Data Sheet

# SULFOPON® 12 G

### General characterisation

#### Chemical description

Sodium C 12 fatty alcohol sulfate

### Registrations

Ingredient	CASR-No.	EINECS/ELINCS-No.
	151-21-3	

### Product properties

#### Appearance

White granules

#### Example of use

The manufacturing of SULFOPON® 12 G is based on fluidized bed granulation and the resulting granule structure allows the convenient addition of FAS into laundry detergents and cleaning agents, based on solid and powdered recipes.

SULFOPON® 12 G is not only suitable for home care applications, but also for the industrial and institutional sector.

Concerning the handling of SULFOPON® 12 G we refer to the safety data sheet.

The main product characteristics of SULFOPON® 12 G can be described as follows:

- convenient handling
- good flowability
- good storage stability
- high bulk density
- good foaming

### Characteristic values

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the Product.

#### Provisional quality control data

(Data which is used for quality release and is certified for each batch.)

Fatty alcohol sulfate (%)	88 - 95	DIN ISO 2271 mod.
Bulk density (g/l)	550 - 750	DGF-H-II-1b / Q-P 1465.0
Particle size distribution (%)		DGF H-II 2
> 1.25 mm	<= 5,0	
< 0.1 mm	<= 5,0	
pH (1%)	>= 10.5*	DGF H-III 1

\*In pre-boiled water, maximum measured value. A detail description is available on request.

#### **Additional product descriptive data**

(Data which is proven statistically but not determined regularly.)

Unulfated matter (%)	<= 3,0	Q-C 2146.0
Free NaOH (%)	0.6 - 2.0	Q-C 1894.0

#### **Methods of analysis**

By the characteristic values described under section 'Quality Control Data'.

#### **Storage and transportation**

SULFOPON® 12 G can be stored in sealed original bags between 20 - 30°C for at least 1 year. At higher temperatures than 30 °C the product could tend to lumping. This might appear even if the product is exposed to this temperature for a short time. In the case of lumping a problem-free emptying of the big bags can be accomplished with suitable mechanical emptying devices. The cacking itself disappears after refilling.

All products in the text marked with an ® are trademarks of the Cognis group.

The information on product specifications provided herein is only binding to the extent confirmed by Cognis in a written Sales Agreement. COGNIS EXPRESSLY DISCLAIMS ANY RESPONSIBILITY FOR THE SUITABILITY OF THE PRODUCTS FOR ANY SPECIFIC OR PARTICULAR PURPOSES INTENDED BY THE USER. Suggestions for the use and application of the products and guide formulations are given for information purposes only and without commitment. Such suggestions do not release Cognis' customers from testing the products as to their suitability for the customer's intended processes and purposes. Cognis does not assume any liability or risk involved in the use of its products as the conditions of use are beyond its control. The user of the products is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties.

Rev. 7.1

Cognis,  
Care Chemicals

SULFOPON® 12 G

