
Technical Information

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® = Registered trademark of BASF
in many countries.

Glucopon® 50 G

Chemical characterGranules of C₁₂C₁₄-alkyl polyglucoside on inorganic and organic carrier.**PRD-No.***

30528605

* BASF's commercial product numbers.

Handling and Storage**Handling**

- Glucopon® 50 G should be stored in its original packaging, which should be kept tightly sealed, in a dry place. Storerooms must not be overheated.
- Glucopon® 50 G should be tightly resealed each time material is taken out of the packaging.
- Glucopon® 50 G should be stored in a dry place at a temperature not exceeding 40 °C.
- Please refer to the latest Safety Data Sheet for detailed information on product safety.

Shelf life

Provided it is stored properly and drums are kept tightly sealed, Glucopon® 50 G has a shelf life of at least 4 year in its original packaging.

Properties

Some physical properties are listed in the table below. These are typical values only and not all of them are monitored on a regular basis. They are correct at the time of publication and do not necessarily form part of the product specification. A detailed product specification is available on request or via BASF's WorldAccount: <https://worldaccount.basf.com> (registered access).

Glucopon® 50 G	Unit	Value
Physical form (23 °C)		beige granules
Active matter (100%-water content-ash content-anion. surfactant)	%	approx. 50
Water content (EN 13267)	%	approx. 5
Anionic surfactant (ISO 2271)	%	approx. 5
Bulk density (ISO 697)	g/L	approx. 800
pH value (EN 1262, solution B)		approx. 10
Surface tension (EN 14370, 1 g/L distilled water, 23 °C)*	mN/m	approx. 27
Wetting (EN 1772, distilled water, 23 °C, 2 g Soda ash/l)		
0.5 g/L	s	approx. 200
1.0 g/L	s	approx. 100
2.0 g/L	s	approx. 50
Foam volume (EN 12728, pg. 1; 40 °C, 2 g/L water at hardness of 1,8 mmol Ca-ions/l after 30 s)	cm ³	approx. 450

* Applying Harkins-Jordan correction.

Solubility

Details on the solubility of Glucopon® 50 G in various solvents are given in the table below (Solubility 10% at 23 °C).

Distilled water	–
Potable water (2.7 mmol Ca ²⁺ -Ions/l)	–
Caustic soda (5%)	±
Hydrochloric acid (5%)	–
Salt solution (5%)	–
Solvent naphtha	–
Ethanol, Isopropanol	–
Aromatic hydrocarbons	–

+ = *clear solution*

± = *sparingly soluble (insoluble sediment)*

– = *insoluble (phase separation)*

○ = *forms an opaque soluble, homogeneous emulsion*

Safety

We are not aware of any ill effect that can result from using Glucopon® 50 G for the purpose for which it is intended and from processing it in accordance with current practices.

According to the experience that we have gained over many years and other information at our disposal, Glucopon® 50 G does not exert harmful effects on health, provided it is used properly, due attention is given to the precautions necessary for handling chemicals, and the information and advice given in our Safety Data Sheets are observed.

Labelling

Details about the classification and labelling of our products and further advice on safe handling are contained in the current safety data sheets.

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