Technical Bulletin

Glucopon® 425 N

We create chemistry

Specifications	
CAS #'s	110615-47-9 68515-73-1
Active Matter, %	48 – 52
Ash, % (internal method 3340)	0.0 – 3.0
pH (10% solids soln – 85/15 DiH_2O/IPA)	7.0 – 9.5
Gardner Color (internal method 3080)	0.0 – 4.0

Glucopon® 425 N is an aqueous solution of alkyl polyglucosides based on a natural fatty alcohol C_8 – C_{16}.

Example of use

Glucopon® 425 N is an alkyl polyglycoside surfactant that provides excellent detergency and processing benefits in a variety of cleaning products. It exhibits superior wetting, dispersing and interfacial tension reductions properties for increased soil removal. Glucopon® 425 N is made from renewable raw materials – glucose derived from corn, and fatty alcohols from coconut and/or palm kernel oils, due to its natural chemistry, Glucopon® 425 N is very mild and readily biodegradable. Glucopon® 425 N is especially effective in hard surface cleaner applications because it is non-streaking on glossy surfaces and non-corrosive to synthetic surfaces. Unlike typical nonionic surfactants, Glucopon® 425 N is highly soluble in concentrated electrolyte solutions and will hydrotrope other less soluble ingredients.

Glucopon® 425 N has the wetting, penetrating and detergency properties desired for hard surface cleaning products designed to clean surfaces, such as glass, ceramic, plastic and metal. In liquid hard surface cleaners, Glucopon® 425 N, acts as a hydrotrope to solubilize other ingredients. Further hard surface cleaning benefits are non-streaking, non-filming and non-stress cracking of cleaned surfaces, as well as low toxicity.
Glucopon® 425 N is ideally suited for used in a variety of I&I liquid cleaning systems, especially laundry and hard surface applications. Caustic stability, builder compatibility, detergency and hydrotrope properties combine to offer the formulator greater flexibility and better cost performance. In addition to these unique performance characteristics.

Shelf Life and Storage

Glucopon® 425 N is preserved with glutaraldehyde at approximately 0.012%. Storage temperature of <+40 °C, and protected from frost is recommended; (maximum temperature is 43 °C). Carbon steel should not be used to store or handle due to probable contamination by iron.

BASF will endorse the results on the certificate of analysis for a period of two years from the date of manufacture for material in original, unopened, properly stored containers. Beyond 2 years, we recommend the quality of the material be confirmed prior to use, by retesting the certificate of analysis parameters. Please refer to the Safety Data Sheet (SDS) for this product for instructions on safe and proper handling and disposal.
When warming drums, BASF recommends not exceeding 120ºF for more than 4 hours and the drums be single stacked while in the heating unit. If double stacking in the heating unit is necessary, add a piece of ½" plywood between the pallets in the stack. We also recommend ensuring the drums do not overhang the pallet during heating or storage.

For More Information:

Order Placement

To place orders for delivery in the United States or Canada, please call our toll-free number (800) 443-6460.

For Other Information

Including product literature and Material Safety Data Sheets please call (734) 324-6101.

Or Visit Our Website At:

www.performance.basf-corp.com

BASF Corporation
100 Park Ave
Florham Park, New Jersey 07932
800-443-6460

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