

## Technical Data Sheet

# APG® 325N

October 2019

APG® 325 N is an aqueous solution of alkyl polyglycosides based on synthetic fatty alcohol C9 – C11.

### Example of use:

APG ®325 N is a nonionic alkyl polyglycoside surfactant that provides superior performance by combining the formulation ease of typical nonionic with the foam characteristics as anionics. APG 325 N provides excellent detergency and stability benefits in a variety of cleaning products. It exhibits superior wetting, dispersing, and interfacial tension reduction properties for increased soil removal, especially on hard surfaces. APG 325 N is highly soluble in concentrated electrolyte and will hydrotrope other less soluble ingredients. In addition to these unique performance characteristics, APG® 325 N alkyl polyglycoside surfactant is made from glucose derived from corn and fatty alcohol, it is mild and readily biodegradable.

### Applications:

APG® 325 N improves the performance of a variety of cleaning products for household, institutional, and industrial applications.

**Hard Surface Cleaners:** APG 325 N has the wetting, penetrating, and detergency properties desired for products designed to clean surfaces such as glass, ceramic, plastic, and metal. In liquid hard surface cleaners, APG® 325 N acts as a hydrotrope to solubilize other ingredients. This property is a definite advantage since many hard surface cleaners contain high levels of builders and solvents which have limited solubility. APG® 325 N provides other hard surface cleaning benefits which are becoming increasingly important to consumers. These include non-streaking, non-filming, and non-stress cracking of cleaned surfaces, as well as low toxicity.

**Institutional and Industrial I (I&I) Cleaners:** APG ®325 N is ideally suited for use in a variety of I&I liquid cleaning systems, especially hard surface cleaning applications. Caustic stability, builder compatibility, detergency, and hydrotrope properties combine to offer the formulator greater flexibility and better cost/performance.

Specifications	
CAS no.	132778-08-6
Active, %	48.00– 52.0
Ash ,%	3.0 max.
Color, Gardner	7.0 max.
Free fatty alcohol, %	0.5 max.
pH 10% solution	7.0 – 9.5
Preservation, %	Conforms to std.

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### 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](http://www.performance.basf-corp.com)

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## Shelf Life and Storage

Storage temperature of <+40°C is recommended.

To avoid product discoloration, when heating, do not use prolonged localized temperatures exceeding 43°C. Use tempered water when possible. Low pressure steam is acceptable if the product is monitored regularly. Excessive agitation and high shear should be avoided due to possible foam generation. APG 325 N is preserved with glutaraldehyde (approx. 0.01%). Carbon steel should not be used to store or handle APG 325 N due to probable contamination by iron.

BASF will endorse the results on the certificate of analysis for a period of one year from the date of manufacture for material in original, unopened, properly stored containers. Beyond one year, we recommend the quality of the material be confirmed prior to use, by retesting the certificate of analysis parameters. Please refer to the Material Safety Data Sheet (MSDS) for this product for instructions on safe and proper handling and disposal.

When warming drums, BASF recommends not exceeding 120°F for more than 4 hours and the drums be single stacked while in the heating unit. If double stacking in the heating unit is absolutely 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.



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