

Technical Data Sheet

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Item Name:

APG0810

PRODUCT INFORMATION

Chinese Name:	烷基糖苷 0810
Commodity Name:	APG0810
Chemical Name:	Alkyl Poly Glucosides
Other Name:	Decyl Glucoside, C8-16 Fatty Alcohol Glucoside, Decyl-Octyl Glycosides Oligomer
CAS No.:	68515-73-1
Molecular Weight:	320.422
Molecular Formula:	$C_{16}H_{32}O_6$

PRODUCT DESCRIPTION

APG is a new type of mild surfactant, with many features of both non-ionic and anionic surfactant, such as high surface activity, high cleaning power, mild foam, no cloud or gel phenomenon, low irritation to skin, biodegradable, well compatible and etc.

APG can replace some traditional surfactant like LABSA, SLES and AEO series, to make detergent and personal care products with better performance.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	Colorless or light yellow gel cream
Free Fatty Alcohol Content by wt %	1.0 max
Viscosity (20°C, mPa.s)	200 min
Solid Content by wt %	50 min
Sulfated Ash Content by wt %	4.0 max
Color and Luster (Hazen)	50 max
pH Value (15% AQ. Solution)	11.5 - 12.5

MAIN APPLICATION

APG is well acknowledged in below applications: Hair products; Cosmetics; Household detergent; Food-use emulsifier; Pesticide-use emulsifier.

PACKING, LOADING AND SHELF LIFE

Packing: 220kg/drum; 1100kg/IBC

Loading: 4 drums/pallet, 17.6mt/20'FCL; 20 IBC, 22mt/20'FCL

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.