

## Alkyl Polyglucoside APG0810 70%

### PRODUCT NAME

Alkyl Polyglucoside APG0810 70%

### DESCRIPTION

APG0810 is a nonionic surfactant. made from natural raw materials. It is very mild and readily biodegradable. The product is generally used as a secondary surfactant for cleansing products, because of its excellent mildness, foaming performance and ability to reduce irritation.

### PRODUCT IDENTIFICATION INCI NAME:

Caprylyl/Capryl	Glucoside
CAS No. :	68515-73-1
C-chain distribution :	C8-C10

### SPECIFICATION

ITEM	Spec Limit	Test Method
Solid content (%)	70.0-72.0	GB/T 19464-2014
Water (%)	28.0-30.0	100%-%Solid matter
pH value (20% in 15%IPA aq.)	11.5-12.5	GB/T 19464-2014
Viscosity (mPa·s, 25°C)	2000 mPa.s Min	GB/T 15357
Free fatty alcohol (%)	<1.0	GB/T 19464-2014
Sulfate ash content (%)	<3.0	GB/T 19464-2014
Color, Hazen	<50	GB/T 3143
Density (g/cm <sup>3</sup> , 25°C)	1.07-1.11	GB/T 7379
DP value	1.2-1.6	GB/T 19464

### STORAGE

The product may be stored for 13 months from the date of manufacture in the unopened original container and at room temperature. Keep container tightly closed.

### PROPERTIES

APG0810 is a nonionic surfactant which is made from natural raw materials, natural alcohols and glucose derived from plants. Its superior properties include: detergency, wetting, dispersing and surface tension reduction, compatibility, especially foaming property. It also exhibits excellent alkaline and electrolyte resistance and can solubilize other ingredients.

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### APPLICATION

1. APG0810 has the foaming characteristics, mildness, non-toxic, non-irritating. It can be widely used in Personal care products and household detergent such as body wash, shampoo, dishwashing liquid, laundry detergent and hand sanitizer.
2. APG0810 has good solubleness, permeability and compatibility in strong base and electrolyte, it is not have corrosive effect to all kinds of material, there will be no traces and cracks. So they can be widely used in household products, hard surface cleaning, scouring agents in textile industry and oil recovery aid, etc.
3. APG0810 can be used in bubble water as foaming agents, and also can be used as pesticide emulsifier especially in glyphosate solution that will improve the effect and will not damage the environment.