

## PRODUCT INTRODUCTION

## Alkyl Polyglycoside --- APG -0810

CAS NO	68515-73-1		
INCI Name	Caprylyl/Capryl Glucoside		
Structural Formula	HO OH OR HO OH NR		
Content	50 ~ 52%	Jinlan Chem	
Composition	APG0810 is a aqueous solution of C8-10 fatty alcohol polyglycoside, which is made from regrowable raw materials – glucose derived from corn, and fatty alcohols from coconut and palm kernel oils. The product contains non preservatives.		
Properties	APG0810 is a nonionic surfactant. Due to it is made from natural raw materials, APG0810 is very mild and easy biodegrade product. The product is generally used as a secondary surfactant for personal care cleansing products ,because of its excellent mildness , foaming performance and ability to reduce irritation. Because it also shows an excellent stability and solubility in highly concentrated salt, alkali and surfactant solution, APG0810 can be used for caustic ,neutral and acidic hard surface cleaning for the household and institutional sector. The turbidity of the product is attributable to the combination of its magnesium oxide content ( $\leq 400$ ppm magnesium) and its pH value. The turbidity has no negative effects on the products and disappears when the pH is adjusted to below 9.		



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Application	APG-0810 can be used as: hard surface cleaners, strong alkaline or strong electrolyte industrial cleaners, dishware detergents, auxiliary for glyphosate, auxiliary for fire fighting.			
Specification	Item	Unit	Standard	
	Apperance		Colorless or light yellow liquid	
	Alkyl carbon number		8 — 10	
	Active substance	Wt%	50 ~ 52	
	PH value		11.5 — 12.5	
	HLB value		14 — 16	
	Alcohol residue	Wt%	≤1	
	Glucose polymeric		1.6 — 1.8	
	degree			
Packing	200kgs/plastic drum, 1	s/plastic drum, 1250kgs/IBC, ISO tank or other requirement		
Storage	Stored in room temperature			
Transportation	According to common chemical to transport			

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