

Alkyl Polyglucosides (APG's) are a new generation of mild, nonionic surfactants derived from renewable, plant based raw materials. They exhibit excellent stability and solubility, even in the presence of high concentrations of electrolytes. APG's excellent for cleansing, yet they are mild on skin making them ideal for use in a broad range of personal care and household product applications.

- Naturally-derived: glucose derived from corn and fatty alcohols from coconut and palm kernel oils
- Nonionic. Low surface tension. Good foaming.
- Good wettability. High performance cleansing ability.
- Highly compatible with other ingredients, and synergistic effect with other surfactants.
- Non-toxic. Non-irritating. Reduces irritation of cosmetic formulation system.
- Environmentally-friendly. Completely biodegradable.

AVAILABLE GRADES

	APG0814	APG 1214	APG 0810	APG 8170	APG 225
CAS #	110615-47-9 68515-73-1 141464-42-8	110615-47-9	68515-73-1	68515-73-1	68515-73-1
INCI	Lauryl Glucoside Decyl Glucoside Coco Glucoside	Lauryl Glucoside	Decyl Glucoside	Decyl Glucoside	Decyl Glucoside
Alkyl C -Chain Length	C8-C14	C12-C14	C8-C18	C8-C18	C8-C18
Appearance	Pale yellow, viscous liquid	Pale yellow, viscous liquid	Light yellow liquid	Pale yellow, viscous liquid	Dark brown liquid
Viscosity (25°C, mPa*s)	≤ 2000	≥ 2000	≤ 500	≥ 2000	≥ 2000
Solid (wt %)	≥ 50	≥ 50	≥ 50	> 70	> 70
Ash	≤ 4%	≤ 4%	≤ 4%	≤ 4%	≤ 4%
pH	11.5 - 12.5	11.5 - 12.5	11.5 - 12.5	11.5 - 12.5	11.5 - 12.5
Free Fatty Alcohols	≤ 1%	≤ 1%	≤ 1%	≤ 1%	≤ 1%

FORMULATION GUIDELINES

- Applications: Shampoo, body wash, personal cleansing, dishwashing liquid, cosmetic emulsifiers, hard surface cleaners, textile adjuvants
- If crystallization or sedimentation occurs, the product should be heated and stirred until uniform before use.

The information provided is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

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