



 **BRENNTAG**

CosVivet Surfactant Range

Our mild, natural and sustainable
solution for your cosmetics

CosVivet APG-Series

Product Overview

CosVivet	APG CCG50	APG CCG60	APG CCG65	APG CCG70	APG CCG70D
INCI-Name	Caprylyl/Capryl Glucoside	Caprylyl/Capryl Glucoside	Caprylyl/Capryl Glucoside	Caprylyl/Capryl Glucoside	Caprylyl/Capryl Glucoside
Solid content (%)	50.0 - 52.0	58.0 - 62.0	62.0 - 65.0	68.0 - 72.0	68.0 - 72.0
Viscosity in mPa.s, 20°C	200 - 600	500 - 2500	3000 - 4000	3500 - 5000	3500 - 5000
pH at 25°C, 10% sol.	11.5 - 12.5	11.5 - 12.5	11.5 - 12.5	11.5 - 12.5	11.5 - 12.5
Appearance	Light yellow liquid	Light yellow liquid	Light yellow liquid	Yellow to brown liquid	Dark brown liquid
Carbon chain length	C8-C10	C8-C10	C8-C10	C8-C10	C8-C10

CosVivet	APG CG46	APG DG55	APG DG64	APG DG73	APG LG50
INCI-Name	Coco-Glucoside	Decyl Glucoside	Decyl Glucoside	Decyl Glucoside	Lauryl Glucoside
Solid content (%)	50.0 - 53.0	50.0 - 52.0	50.0 - 52.0	50.0 - 52.0	50.0 - 53.0
Viscosity in mPa.s, 20°C	2500 - 6000	1000 - 2500	1000 - 2000	300 - 600	2000 - 4000
pH at 25°C, 10% sol.	11.5 - 12.5	11.5 - 12.5	11.5 - 12.5	11.5 - 12.5	11.5 - 12.5
Appearance	Light yellow liquid	Light yellow liquid	Light yellow liquid	Light yellow liquid	Pale yellow liquid
Carbon chain length	C8-C14	C8-C14	C8-C14	C8-C14	C12-C14

Description

Brenntag's own range of alkyl polyglucosides are made of natural fatty acids and glucose derived from renewable plants. Being very mild and readily biodegradable, they are ideal surfactants for modern cosmetic formulations. APG's have low surface tension and strong detergency. They are very compatible with electrolytes and other surfactants and can improve the mildness of formulations when combined with standard surfactants (e.g. sodium laureth sulfate). They can be used as main surfactants or co-surfactants, have solubilizing, emulsifying and thickening properties and create rich and stable foam in rinse off formulations.

Conformity

COSMOS-certified
Halal-certified
Mass balance quality

Typical applications - Our alkyl polyglucosides are used in

- Shower products
- Bath products
- Facial cleansing
- Personal hygiene
- Wet wipes
- Soaps
- 2-in-1 products
- Shampoos
- Conditioners
- Baby care
- Sun care
- Leave on formulations

Functions and advantages

- Mild
- Foaming*
- Thickening**
- Cleansing
- Emulsifying
- Solubilizing
- Improved combability

Storage

Stable for 24 months in original packaging when stored at room temperature.

Packaging

IBC's and drums available

* The best foaming properties are achieved with decyl glucosides.

** The best thickening effect is achieved with coco-glucoside



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