



Alkylglucosides

Outstanding hydrotropes for alkaline cleaning, mild and more sustainable chemistry

Environmentally adapted products

Nonionic surfactants have historically been synonymous with alkyl alkoxyates. Today another group of nonionic surfactants, the alkylglucosides, have created a growing interest, not only because of their more sustainable raw material sources and also their very special performance in cleaning applications.

The most obvious difference is that for alkoxyates a cloud point can be defined, but for alkyl glucosides it is mostly not possible to find any cloud point. This phenomenon influences the solubility of the surfactant and one of the greatest advantages with alkylglucosides is the good solubility in water containing high electrolytes. Alkylglucosides can be combined with all other types of surfactants and synergistic effects can then often be found.

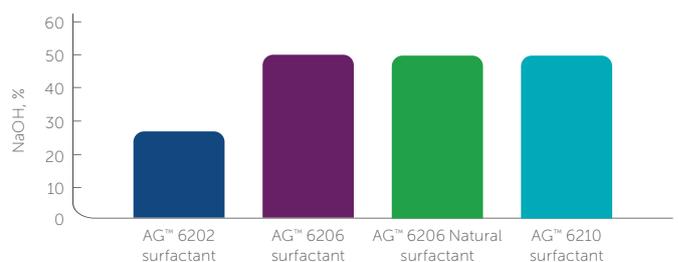
AG™ 6202, AG™ 6206, AG™ 6206 Natural and AG™ 6210 surfactants give a low environmental impact as they are readily biodegradable and the aquatic toxicity is much lower than for the general alkyl alkoxyates.

Product	Key features
AG™ 6202 surfactant	<ul style="list-style-type: none"> • Low foaming alkylglucoside • Hydrotropic effect • Wetting properties • Soluble in caustic • Based on a short chained branched alcohol • 65% active matter • Readily biodegradable
AG™ 6206	<ul style="list-style-type: none"> • Low foaming alkylglucoside • Hydrotropic effect
AG™ 6206 Natural surfactant	<ul style="list-style-type: none"> • Very good solubility in high caustic • Based on a short chained alcohol • 75% active matter • Readily biodegradable
AG™ 6210 surfactant	<ul style="list-style-type: none"> • Medium to high foaming alkylglucoside • Very good wetting • Very good solubility in high caustic • Based on a blend of short chained alcohol • 61% active matter

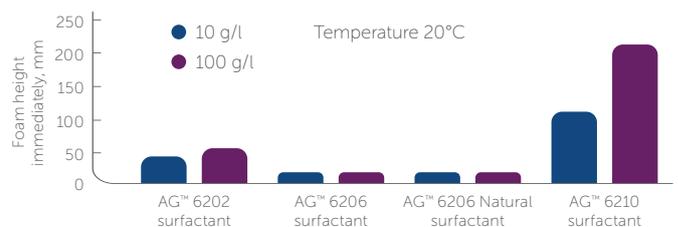
Applications

- Low toxic applications
- CIP (Cleaning In Place)
- High alkaline cleaning
- Machine dishwashing
- All purpose cleaning
- PET-cleaning (no stress cracking)
- Demulsification
- Vehicle cleaning

Solubility of glucosides in NaOH



Foaming



AG™ 6206 Natural surfactant

- Fully biobased, natural and segregated
- RSPO MB certification, suitable for EU Ecolabel
- Produced with a lighter color, <3 Gardner

Water based alkaline cleaner

Ingredients, % w/w	A	B	C	D	E	F	G	H	I
Berol® 260 surfactant	5	5	5	5	-	-	-	-	5
Berol® 266 surfactant	-	-	-	-	5	5	5	5	-
Dissolvine® M-40 chelating agent	7	7	-	-	7	7	-	-	-
TKPP	-	-	5	5	-	-	5	5	5
Na-metasilicate 5H ₂ O	-	-	2	2	-	-	2	2	2
AG™ 6202 surfactant	-	11.5	-	9.5	-	7	-	6	-
AG™ 6206 surfactant	6.5	-	6	-	4.5	-	4.5	-	-
AG™ 6206 Natural surfactant	6.5	-	6	-	4.5	-	4.5	-	-
AG™ 6210 surfactant	-	-	-	-	-	-	-	-	15
Water	81.5	76.5	82	78.5	83.5	81	83.5	82	73
pH (10% solution)	~10	~10	~11	~11	~10	~10	~11	~11	~11

Contact us directly for detailed product information and sample request
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Nouryon

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