

The sustainable surfactant booster Berol® SurfBoost AD15



A readily and anaerobically biodegradable co-surfactant

Introducing the novel Berol SurfBoost AD15 with an active contribution to sustainable cleaning

Boosting cleaning performance

Berol SurfBoost AD15 is a moderate foaming alkyl amide ethoxylate. Its chemical structure works in synergy with alkyl alcoxylated surfactants boosting degreasing and emulsification performance, even in high dilution, for instance in All Purpose Cleaners (APC) or kitchen cleaners.

Environmental advantages

Berol SurfBoost AD15 is a non-classified co-surfactant which has the primary benefit to be readily and anaerobically biodegradable (following the OECD 301 B and OECD 311 respectively) according to CLP and DPD.

Household and industrial cleaning

Berol SurfBoost AD15 has been designed particularly for household products where you need to boost your cleaning performance without volatile solvents and where you need to get Eco certifications, e.g.:

- manual dishwashing
- kitchen cleaners
- all purpose cleaners
- glass cleaners
- floor cleaners
- toilet cleaners

Berol SurfBoost AD15 can also be used in industrial cleaning for instance car cleaning and general hard surface cleaning, when more environmentally friendly solutions are needed.

Comparative degreasing - kitchen soil

Degreasing with kitchen soil on ceramic tiles (Fig. 1) shows the performance of the different compositions in a non-mechanical cleaning test. The cleaning performance of the formulation boosted by Berol SurfBoost AD15 is higher than all the other commercial compositions with parity active matter and pH (Fig. 2).

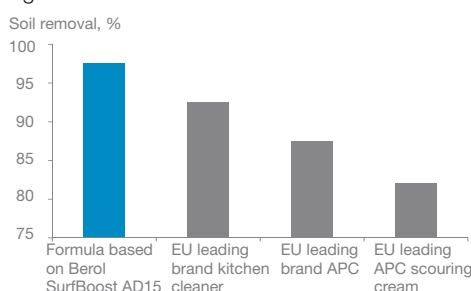
Figure 1



Tiles after cleaning

Soil: mixture of kitchen oil and particulate soil

Figure 2

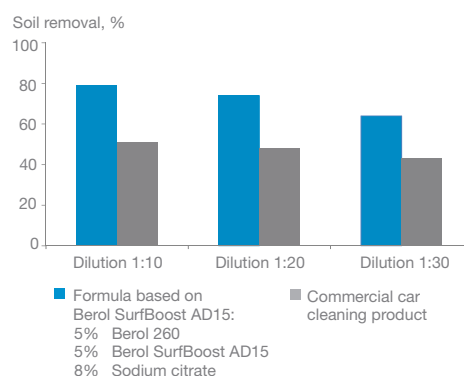


Test product	Composition	pH	Active content, %	Grease removal, %
Formula based on Berol SurfBoost AD15	2% Berol SurfBoost AD15 2% Berol 260 0,5% Dissolvine GL-47-S 95,5% Water	>11	3,55	99,6
EU leading kitchen cleaner	<5% nonionic	>11	<5	94,4
EU leading APC	<5% nonionic and anionic limonene	>11	>5	88,5
EU leading APC scouring cream	<5% nonionic and anionic	approx. 10	>5	83,3

Comparative degreasing - industrial soil

Berol SurfBoost AD15 has a cleaning boosting action on tough industrial soil (used engine diesel soil) at almost neutral pH, even at high dilution (Fig. 3).

Figure 3



Europe/Middle East/India/Africa

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