

Berol[®] SurfBoost AD15

The sustainable surfactant booster.

A novel, aerobically and anaerobically biodegradable co-surfactant, Berol SurfBoost AD15 provides active contribution to sustainable cleaning.

Boost cleaning performance

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

Environmental benefits

Berol SurfBoost AD15 is a non-classified co-surfactant which has the primary benefit to be readily biodegradable, both aerobically and anaerobically (following the OECD 301 B and OECD 311 respectively) according to CLP and DPD. Berol SurfBoost AD15 has no hazard classification and is produced with Roundtable on Sustainable Palm Oil (RSPO) certified raw materials, which makes the product compliant with EU Ecolabel and Nordic Ecolabel requirements.

Household and industrial cleaning

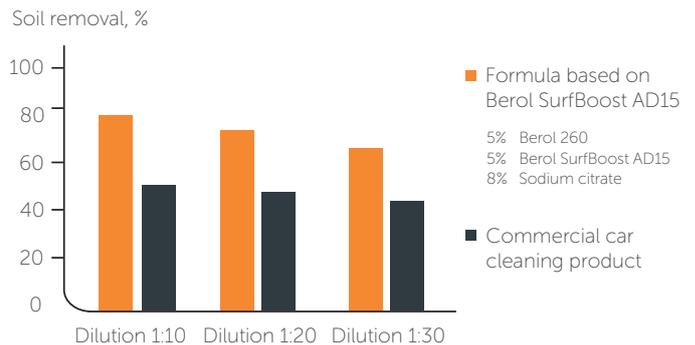
Berol SurfBoost AD15 has been designed particularly for household cleaning applications where you need to boost cleaning performance without the use of volatile solvents and where you need to meet Eco certifications, e.g.:

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

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

Comparative degreasing - industrial soil

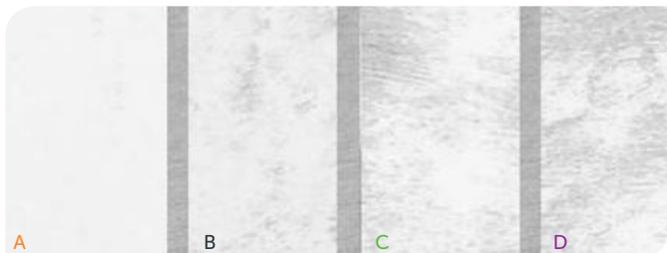
Berol SurfBoost AD15 has a cleaning boosting action on tough industrial soil (used engine diesel soil) at almost neutral pH, even at high dilution.



Comparative degreasing – kitchen soil

Degreasing with kitchen soil on ceramic tiles 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.

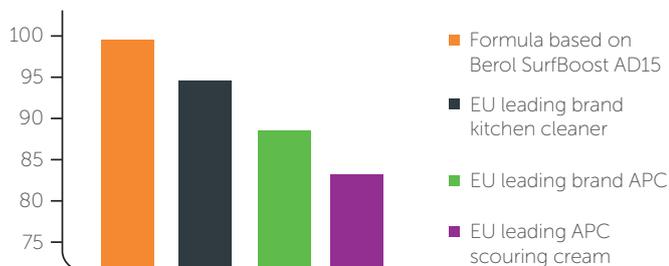




Tiles after cleaning with the test products in the order described in the table (right).
Soil: mixture of kitchen oil and particulate soil

Test product	Composition	pH	Active content, %	Soil removal, %
A. 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
B. EU leading brand kitchen cleaner	<5% Nonionic	>11	<5	94.4
C. EU leading brand APC	<5% Nonionic and anionic limonene	>11	>5	88.5
D. EU leading APC scouring cream	<5% Nonionic and anionic	approx. 10	>5	83.3

Soil removal, %



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For more information visit surfacechemistry.nouryon.com

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