



CAFLON HSC19 BAC

Biodegradable Multifunctional Bactericidal
and Virucidal Hard Surface Cleaner Concentrate
(Tested to meet EN1276, EN1650 & EN14476)

CAFLON HSC19

Biodegradable Multifunctional
Hard Surface Cleaner Concentrate

 **Univar**Solutions

CAFLON HSC19 BAC & CAFLON HSC19

Many formulations, especially those used for hard surface cleaning required in Household and Institutional processes are manufactured in a concentrated form. This minimizes space demands in storage and transport, reduces packaging waste and offers the formulator the ability to produce/dilute to various strengths for different demands.

Introducing **CAFLON HSC19 BAC & CAFLON HSC19**, which are readily biodegradable multifunctional Hard Surface Cleaner Concentrates. Both have excellent cleaning, solubilization powers in combination with outstanding degreasing performance even at low concentrations. The unique chemistry enables superior cleaning performance, ranging from household cleaners to the most demanding industrial degreasers.

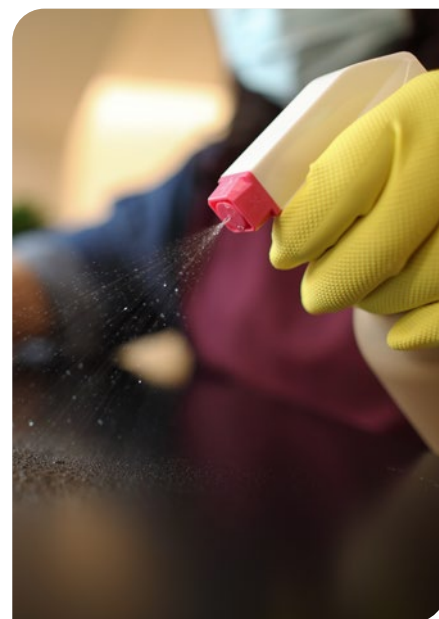
CAFLON HSC19 BAC

- Biodegradable Multifunctional Bactericidal and Virucidal Hard Surface Cleaner Concentrate (Tested to meet EN1276, EN1650 & EN14476)
- Hard Surface cleaner concentrate (typical dilution 1:19) – Anionic/Nonionic/Cationic/Chelate/Solvent based with disinfecting properties
- On dilution in **dirty conditions** meets the test requirements of;

BS EN 1276:2019	@ 1:19 dilution max (5.0% w/w max)
BS EN 1650:2019 <i>(yeastocidal)</i>	@ 1:19 dilution max (5.0% w/w max)
BS EN 14476:2013+A2:2019	@ 1:19 dilution max (5.0% w/w max)

Features & Benefits

- Highly concentrated products.
- Allowing the rapid formation of Hard Surface Cleaners with outstanding performance.
- Readily Biodegradable.
- **CAFLON HSC19 BAC** contains Benzalkonium chloride to offer disinfecting properties, meets the requirements of BS EN1276, EN 1650 *(yeastocidal)* and EN 14476 *(virucidal activity on enveloped viruses)* on dilution.
- **CAFLON HSC19 BAC** kills 99.99% of bacteria on dilution
- Diluting **CAFLON HSC19 BAC** to the specified dilution rates allows the formulator to make the claims specified without further testing.
- **CAFLON HSC19** is composed of **ECOLABEL** approved raw materials
- Both concentrates contain an Ether Carboxylic Acid, sodium salt, which shows synergy with Benzalkonium chloride (for disinfection) which allows the formulator to reduce the level required to prevent microorganism growth, unlike traditional anionic surfactants.
- Excellent performance even in hard water.
- Offers outstanding dispersing properties, which helps to avoid re-deposition.



CAFLON HSC19

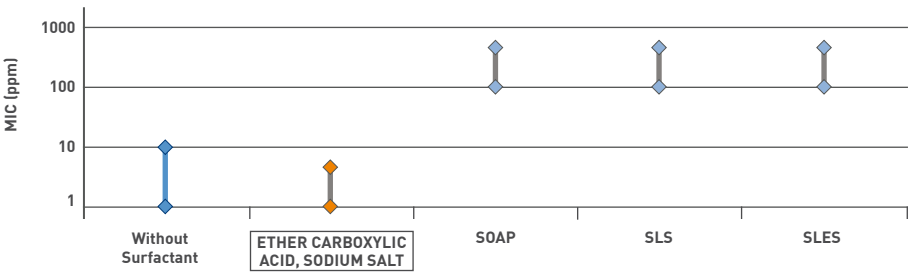
- Biodegradable Multifunctional Hard Surface Cleaner Concentrate
- Hard Surface cleaner concentrate (typical dilution 1:19) – Anionic/Nonionic/Chelate/Solvent based

Our surfactant blends are formulated for optimized performance, providing single surfactant systems for easy handling and cost-effective cleaning solutions.

CAFLON HSC19 BAC has been tested in dirty conditions therefore producing a genuine 2:1 hard surface cleaner and disinfectant in one.



Benzalkonium Chloride Compatibility Test

Disinfecting effect of BzCl solution in the presence of surfactants (500 ppm)



Typical Properties, Dilutions & Classification On Dilution

	CAFLON HSC19 BAC	CAFLON HSC19
Appearance @ 20°C	Clear colourless to pale straw liquid	Clear colourless to pale straw liquid
Specific gravity @ 20°C	1.004	1.007
pH neat	9.2	-
pH (10% solution)	9.7	11.0
Typical Dilutions (% w/w)	10% Heavy soiling 5% Medium soiling (maximum dilution is 5% to meet microbiology test data)	10% Heavy soiling 5% Medium soiling

Classification on Dilution	 10% dilution; H319 & H412 No pictogram @ 5% dilution, H412 phrase required	 10% dilution; H319 Not classified at a 5% dilution
Microbiology testing	EN1276 @ 5% dilution in dirty conditions EN1650 yeactical @ 5% dilution in dirty conditions EN14476 @ 5% dilution in dirty conditions	N/A

Performance

As an example, here shows how effective **CAFLON HSC19** is when diluted 1:19, as the IKW test indicates (Recommendation for the Quality Assessment of the Product Performance of All-Purpose Cleaners; SÖFW-Journal 130, 10-2004, pages 83-93). Additionally, all the surfactants within the formulation meets the **ECOLABEL** requirements.





Contact:

For more information on this range of products please contact your local Univar Solutions representative at **surfactants@univarsolutions.com**