

Starting Formulation, FC – 3700

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End-Use Homecare

Stainless steel cleaner that has excellent sheen, streak free and outstanding fingerprint resistance.

Sprayable cleaner with excellent water repellency and surface wetting for easy application.
utilizing AQUACER 570, BYK-9890 and BYK-3450

Formulation

Pos.	Component	Supplier	Function	Weight [g]
1	Demineralized water		Solvent	86.8
2	Isopropyl alcohol (99%)	Multi	Coalescent	3.0
3	Butyl lactate (97%)	Multi	Coalescent	1.0
4	AQUACER 570 (40.0%)	BYK	Wax emulsion	2.3
5	BYK-9890 (22.5%)	BYK	Silicone emulsion	6.6
6	BYK-3450	BYK	Surface additive for improved wetting	0.3
				100.0

Instructions

- Mix water and coalescents for 5 minutes at 1000 rpm
- Add remaining ingredients sequentially under stirring at 1000 rpm
- Continue to mix for 30 minutes at 1000 rpm.

Characteristic Data/ Specification

Data	Unit	Value
Solid wax content	%	0.92
Silicone content	%	1.78
Total solid content	%	2.70

Further information / Application

The polish is designed to be used as-is.

Optimization of the BYK-3450 concentration can balance ease of application versus water repellency.