

## Starting Formulation, CL – 9055 – US

March 2<sup>nd</sup>, 2020  
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### End-Use Homecare

Alcohol based surface cleaner with slight viscosity

Pumpable surface cleaner based on isopropanol thickened with RHEOBYK-7420 ES

### Formulation

Pos.	Component	Supplier	Function	Weight [g]
1	Demineralized water		Solvent	31.75
2	<b>RHEOBYK-7420 ES (40%)</b>	BYK	Rheology additive	4.0
3	KOH (45%)	Various	Neutralization additive	0.25
4	Isopropanol (99%)	Various	Anti-microbial	65.0
5	Propylene Glycol	Various	Skin emollient	1.0
6	Hydrogen Peroxide (3%)	Various	Anti-Microbial	4.0
				100.0

### Instructions

- Combine water and RHEOBYK-7420 ES with a mixer at 1500-2000 rpm for 10 minutes
- Add KOH under stirring at 1000 rpm; continue stirring for 10 minutes
- Add ethanol under stirring at 1000 rpm; continue stirring for 10 minutes
- Add propylene glycol under stirring at 1000 rpm; continue stirring for 10 minutes
- Add the hydrogen peroxide under stirring at 1000 rpm; continue stirring for 10 minutes

### Characteristic Data/ Specification

Data	Unit	Value
Rheology additive content	%	1.6
Total solid content	%	1.6

### Further information / Application

The formulation is designed to be used as is.

The formulation will work through a pump or squeeze bottle. The viscosity will break and flow easily under pressure.