

## Starting Formulation, CL-9052

March 13<sup>th</sup> 2020  
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### End-Use Homecare

Alcohol based cleaner with hydrogen peroxide

Pumpable Isopropanol and Hydrogen peroxide gel  
utilizing RHEOBYK-7420 ES and RHEOBYK-7410 ET

### Formulation

Pos.	Component	Supplier	Function	Weight [g]
1	Demineralized water		Solvent	20.0
2	RHEOBYK-7420 ES (40%)	BYK	Rheology additive	2.0
3	Isopropanol	Various	Anti-microbial	72.0
4	RHEOBYK-7410 ET (40%)	BYK	Rheology additive	2.0
5	Glycerine	Various	Humectant	1.0
6	Hydrogen peroxide	Various	Anti-septic	3.0
				100.0

### Instructions

- Combine water and RHEOBYK-7420 ES with a mixer at 1500-2000 rpm for 2 minutes
- Add isopropanol under stirring at 1000 rpm; continue stirring for 15 minutes
- Add RHEOBYK-7410 ET under stirring at 1000 rpm; continue stirring for 5 minutes
- Add glycerine under stirring at 1000 rpm; continue stirring for 15 minutes
- Add hydrogen peroxide under stirring at 1000 rpm, continue stirring for 2 min

### Characteristic Data/ Specification

<b>Data</b>	<b>Unit</b>	<b>Value</b>
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.