

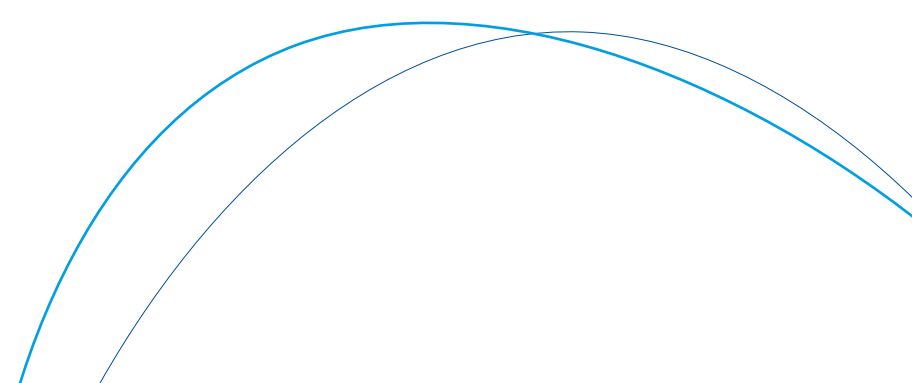
## Starting point formulation – Sprayable dripless glass and window cleaner utilized LAPONITE-RD

### Formulation

Position	Component	Supplier	Function	Weight (g)
1	Demineralized water		Solvent	91.30
2	LAPONITE-RD	BYK	Rheology additive	0.40
3	Isopropyl alcohol		Solvent	5.00
4	Dowanol PnB Propylene glycol n-butyl ether	Dow	Solvent	3.00
5	Ammonium hydroxide 30% in demineralized water	Various	Alkaline pH adjuster	0.20
6	Steol CS-330 sodium laureth sulfate	Stepan	Anionic surfactant	0.10
<b>Total</b>				<b>100.00</b>

### Instructions

- Provide tap water, add carefully LAPONITE-RD and stir for 20 min at 30,00–3,200 rpm until complete dissolution.
- Weigh Isopropyl alcohol and Dowanol PnB and stir for 3 min at 3,000–3,200 rpm.
- Then add all ingredients separately in order listed and stir for 5 min at 1,000–1,300 rpm.



## Characteristic data /specification

Data	Unit	Value
Rheological modifier solids	%	0.40
Solids	%	0.49

### Further information /application

- The formulation is designed to be used as it is.
- Spray the window cleaner undiluted on surface, then wipe clean.

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This issue replaces all previous versions.

