

Starting Formulation, CL-9360

Oct. 6th 2020

1

End-Use Homecare

Sprayable dripless glass & window cleaner

utilized LAPONITE-RD

Formulation

Pos.	Component	Supplier	Function	Weight [g]
1	Demineralized water		Solvent	91.3
2	LAPONITE-RD	BYK	Rheology additive	0.4
3	Isopropyl alcohol		Solvent	5.0
4	Dowanol PnB Propylene glycol n-butyl ether	Dow	Solvent	3.0
5	Ammonium hydroxide 30% in demineralized water	Various	Alkaline pH adjuster	0.2
6	Steol CS-330 Sodium Laureth Sulfate	Stepan	Anionic surfactant	0.1
				100.0

Instructions

Provide tap water, add carefully LAPONITE-RD and stir for 20 minutes at 3200 rpm with 30mm tooth blade (5 m/s) until complete dissolution.

Weigh Isopropyl alcohol and Dowanol PnB and stir for 3 minutes at 3200 rpm with 30mm tooth blade (5 m/s).

Then add all ingredients separately in order listed and stir for 5 minutes at 1300 rpm with 30mm tooth blade (2 m/s).

Characteristic Data/ Specification

Data	Unit	Value
Rheological modifier solids	%	0.4
Solids	%	0.49

Further information / Application

The formulation is designed to be used as is.

Spray the window cleaner undiluted on surface, then wipe clean

ACTAL[®], ADD-MAX[®], ADD-VANCE[®], ADJUST[®], ADVITROL[®], ANTI-TERRA[®], AQUACER[®], AQUAMAT[®], AQUATIX[®], BENTOLITE[®], BYK[®], BYK[®]-DYNWET[®], BYK[®]-SILCLEAN[®], BYKANOL[®], BYKETOL[®], BYKJET[®], BYKO2BLOCK[®], BYKOPLAST[®], BYKUMEN[®], CARBOBYK[®], CERACOL[®], CERAFAK[®], CERAFLOUR[®], CERAMAT[®], CERATIX[®], CLAYTONE[®], CLOISITE[®], DISPERBYK[®], DISPERPLAST[®], FULACOLOR[®], FULCAT[®], GARAMITE[®], GELWHITE[®], HORDAMER[®], LACTIMON[®], LAPONITE[®], MINERAL COLLOID[®], MINERPOL[®], NANOBYK[®], OPTIBENT[®], OPTIFLO[®], OPTIGEL[®], PAPERBYK[®], PERMONT[®], POLYAD[®], PRIEX[®], PURE THIX[®], RECYCLOBLEND[®], RECYCLOSORB[®], RECYCLOSTAB[®], RHEOBYK[®], RHEOCIN[®], RHEOTIX[®], SCONA[®], SILBYK[®], TIXOGEL[®], VISCOBYK[®] and Y 25[®] are registered trademarks of the BYK group.

The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantee of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. We reserve the right to make any changes according to technological progress or further developments.

This issue replaces all previous versions.