



Thick on Click
Hand dishwashing gel

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Hand dishwashing gel with rich viscosity and high foam boosted at low surfactant level, presenting an excellent stability and cleaning performance.

Phase	Trade name / Supplier	Ingredient description	Wt%
A	CELLOSIZETM QP-100 MH Thickener / Dow	Hydroxyethyl cellulose	0.55
	Water		70.0
B	Texapon N70 / BASF	Sodium laureth sulphate (70%)	3.8
	Disponil LDBS 55 / BASF	Sodium alkylbenzene sulphonate (55%)	12.7
	TERGITOLTM 15-S-9 Surfactant / Dow	Secondary alcohol ethoxylate	0.75
	ACUSOLTM 588 Polymer / Dow	Acrylic copolymer	1.0
C	ACUSOLTM 445 Polymer / Dow	Acrylic homopolymer	1.0
	Sodium Hydroxide 40%	pH adjustment	QS pH 6.5
D	Phenoxyethanol / DuPont	Preservative	1.0
	Unicert Yellow 8005 / Sensient	Dye	0.2
	Bright & Lemon 813 / IFF	Fragrance	0.3
	Water		QS 100%

Disclaimer: Contained in this package is a sample prepared as per the formulation described on this card.
Any variation in the formulation/procedure may cause performance to change.

Procedure:

1. Add CELLOSIZETM QP-100 MH Thickener slowly to water under mixing. Mix at 150 rpm until homogeneous for phase A preparation.
2. Add ingredients of phase B one after the other. Each ingredient needs to be fully dispersed before addition of the next one.
3. Adjust pH to 6.5 with sodium hydroxide 40% (phase C).
4. Add ingredients of phase D and mix until homogeneous.

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