



Natural Dishwashing Liquid

DESCRIPTION

Our sulfate-free dishwashing liquid is tough on grease but gentle on your hands – and supplements natural moisturizers and additives – all while being naturally-derived. This formulation features **Suga®Nate 160NC**, **Cola®Lux LO**, and **Suga®Det D** and offers excellent foam stability, hard water tolerance and cuts through tough grease, baked-on food and rinses away for a streak-free shine on all glasses, plates, pots and pans. Strong enough for the cleanup with no harsh surfactants!

FORMULATION

Order	INCI Name	Trade Name	%
1	Water		qs to 100.00
2	Xanthan Gum	Keltrol CG-SFT ¹	0.25
3	Glycerin		3.00
4	Tetrasodium Glutamate Diacetate	Dissolvine® GL47S ²	1.00
5	Sodium Laurylglucosides Hydroxypropylsulfonate	Suga®Nate 160NC	15.00
6	Lauramine Oxide	Cola®Lux LO	20.00
7	Decyl Glucoside	Suga®Det D	15.00
8	Citric Acid		qs
9	Preservative		qs

PROCEDURE

1. Create slurry with ingredients 2-3.
2. Add the slurry to water and mix until fully hydrated.
3. Add remaining ingredients in order with adequate mixing between additions.
4. Adjust pH to 7.0 with citric acid.

TYPICAL PROPERTIES

Appearance Clear Liquid
pH 7.0
Viscosity 900 cP

SUPPLIERS

¹Kelco, ²AkzoNobel, ³BASF

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