



Natural Dishwashing Liquid

DESCRIPTION

Our sulfate-free dishwashing liquid is tough on grease but gentle on your hands – and utilizes plant-based moisturizers and additives – all while being naturally-derived. This formulation features **Suga®Boost 050**, **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	Functionalized Alkyl Poly Glucosides	Suga®Boost 050	15.00
6	Lauramine Oxide	Cola®Lux LO	20.00
7	Decyl Glucoside	Suga®Det D	15.00
8	Citric Acid	Citric Acid (50%)	qs to pH

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 6.5 – 7.5 with ingredient 8.

TYPICAL PROPERTIES

Appearance Clear Liquid
pH 6.5 - 7.5
Viscosity <1000 cP

SUPPLIERS

¹CP Kelco, ²AkzoNobel

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