



# Formulation

No. 4041

## Eco-Friendly Hand & Dishwashing Liquid

### DESCRIPTION

This high-performance green cleaning formulation features **Suga®Boost 050** for an easy, **GREEN** hand and dish soap! Gentle enough for skin but powerful enough for removing food soils and other proteins.

### FORMULATION

Order	Chemical Name	Trade Name	%
1	Water	Water	qs to 100.00
2	Cetyl Hydroxyethyl Cellulose	Cetyl Hydroxyethyl Cellulose	1.5
3	NaOH, 50%	NaOH, 50%	qs
4	Functionalized Alkyl Polyglucoside	<b>Suga®Boost 050</b>	15.0
5	Citric Acid, 50%	Citric Acid, 50%	qs

### PROCEDURE

1. Disperse cetyl hydroxyethyl cellulose in water
2. Add NaOH 50% to raise pH above 8.5 and mix until product fully hydrated
3. Add SugaBoost 050 and mix until homogenous
4. Add citric acid 50% to final pH range

### TYPICAL PROPERTIES

Appearance      Slightly hazy liquid  
pH                    6.0 – 7.0  
Viscosity           400 – 500 cP

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