



# Formulation

No. 4005

## Waterless Hand Cleaner (with Soy Methyl Ester)

### DESCRIPTION

This formulation features **Cola®Det DEF-40** and **Poly Suga®Mulse D9**. This waterless hand cleaner quickly dissolves soil for easy removal with a cloth or paper towel. Contains Soy Methyl Ester emollients to keep the skin soft and supple.

### FORMULATION

Order	INCI Name	Trade Name	%
1	Soy Methyl Ester	Soy Methyl Ester	50.00
2	Anionic / Amide blend	<b>Cola®Det DEF-40</b>	16.70
3	Glycerin	Glycerin	0.90
4	Sorbitan Oleate Decylglucoside Crosspolymer	<b>Poly Suga®Mulse D9</b>	0.80
5	Water		qs to 100.00

### PROCEDURE

1. Combine ingredients 1-4 in primary vessel. Heat to 70°C.
2. In separate vessel, heat water to 70°C.
3. Add water to primary vessel. Mix 30 minutes while cooling.
4. Transfer batch to final container while warm. Allow to cool to room temperature.

### TYPICAL PROPERTIES

Appearance      Ringing Gel  
pH                    8.0 – 9.0

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