



Formulation

No. 4012

Hand Wash (Sulfate-Free, EO-Free)

DESCRIPTION

This formulation features **Suga®Nate 160NC**, **Cola®Teric LMB** and **Cola®Mid LMPA** for a soft clean that's free from sulfates and ethoxylates!

FORMULATION

Order	INCI Name	Trade Name	%
1	Water	Water	qs to 100.00
2	Sodium Laurylglucosides Hydroxypropylsulfonate	Suga®Nate 160NC	14.00
3	Lauramidopropyl Betaine	Cola®Teric LMB	9.00
4	Lauramide MIPA	Cola®Mid LMPA	0.25
5	Sodium Stearoyl Lactylate	Pationic SLL ¹	0.25
6	Sodium Methyl Cocoyl Taurate, 38%	Pureact WS Conc ²	5.00
7	Methylchloroisothiazolinone <i>and</i> Methylisothiazolinone	Kathon™ CG ³	0.05

PROCEDURE

1. Combine ingredients 1-3 in order with moderate mixing.
2. Heat to 60°C.
3. Add 4-6. Mix at temperature until clear and homogeneous.
4. Cool below 50°C.
5. Add 7. Adjust pH to 6.0 with Citric Acid.

TYPICAL PROPERTIES

Appearance Clear Liquid
pH 6.0
Viscosity 8,000 cps

SUPPLIERS

¹RITA, ²Innospec, ³Dow

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