



Formulation

No. 4008

Economy Hand Soap (Sulfate-Free)

DESCRIPTION

This sulfate-free formulation packs a punch on dirt but not your wallet. The finished soap is soft, mild and offers superior economy. Clear, with enough viscosity for pumps and wall dispensers. Easy to blend with fragrance and color to choice.

FORMULATION

Order	INCI Name	Trade Name	%
1	Water		qs to 100.00
2	Sodium Laurylglucosides Hydroxypropylsulfonate	<i>Suga[®]Nate 160NC</i>	13.50
3	Lauramidopropyl Betaine	<i>Cola[®]Teric LMB</i>	9.00
4	Lauramide MIPA	<i>Cola[®]Mid LMPA</i>	0.25
5	PEG-150 Pentaerythrityl Tetrastearate	Crothix ¹	0.10
6	Disodium Laureth Sulfosuccinate	<i>Cola[®]Mate DSLS</i>	4.00
7	Preservative		qs
8	Fragrance	Mystic Forest ²	0.15

PROCEDURE

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

TYPICAL PROPERTIES

Appearance Clear Viscous Liquid
pH 6.0
Viscosity 8,000 cps

SUPPLIERS

¹Croda, ²Belle-Aire Fragrances

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