



# Formulation

No. 4014

## Natural Economy Hand Soap

### DESCRIPTION

This formulation features **Cola® Det KC-40** and **Cola® Teric CBS** - preservative-free ingredients - for an eco-friendly, cost saving hand soap.

This formulation is developed with ingredients that meet **Whole Foods Premium Body Care** standards.



### FORMULATION

| Order | INCI Name                      | Trade Name                  | %            |
|-------|--------------------------------|-----------------------------|--------------|
| 1     | Water                          |                             | qs to 100.00 |
| 2     | Potassium Cocoate              | <i>Cola® Det KC-40</i>      | 35.00        |
| 3     | Cocamidopropyl Hydroxysultaine | <i>Cola® Teric CBS</i>      | 10.00        |
| 4     | Sodium Cocoyl Isethionate      | Pureact I-85EC <sup>1</sup> | 5.00         |
| 5     | Fragrance, Preservative        |                             | qs           |
| 6     | Sodium Chloride                |                             | qs           |

### PROCEDURE

1. Combine ingredients 1-3 with adequate mixing between additions.
2. Heat to 60-65°C.
3. Add ingredient 4 and mix until completely dissolved.
4. Cool to 45°C. Adjust pH to 8.5.
5. Add fragrance and preservative as required.
6. Add sodium chloride to desired viscosity.

### TYPICAL PROPERTIES

Appearance      Clear Liquid  
 pH                    8.5  
 Viscosity          6,000 cps @ 3.5% Sodium Chloride

### SUPPLIERS

<sup>1</sup>Innospec

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