

## Hand-Wash Dish Detergent

**Description:** This effective dish detergent formula can reduce the skin's SLES adsorption and protect your hand by partially replacing SLES with 5.3% amino acid-based surfactant-Eversoft™ UCS-30SG, and it is also easily rinsed off to conserve water and save time.

	Ingredient	%W/W	Supplier/INCI Name	Function
<b>A</b>	Deionized Water	To 100		
	Eversoft™ UCS-50SG	5.3	Sino Lion / Disodium Cocoyl Glutamate	Mild Surfactant
	Sodium Laureth Sulfate (70%)	16.0		Surfactant
	Cocamidopropyl Betaine	10.0		Surfactant
	Glycerin	3.00		
	Citric Acid (50%)	1.7-1.9		PH Adjuster
<b>B</b>	EverGuard™ LAE-20	1.0	Sino Lion / Ethyl Lauroyl Arginate HCl, Glycerin	Preservative
	Potassium Sorbate	0.5		Preservative
	Sodium Chloride	1.0		Thickener
	Fragrance	0.1		Fragrance

### Procedure

1. Mix and heat Phase A at 80°C while stirring until uniform;
2. Cool to 45°C, add Phase B in order while stirring until uniform.

### Properties

Appearance: Clear Viscous Liquid

pH (25°C): 5.5-6.0

Viscosity: 4000-8000cp (25°C, Brookfield DV2T, 20rpm, 3/4#spindle)

### Features:

- This formula is a very effective detergent while mild to your hand by partially replacing SLES with 5.0% amino acid-based Glutamate surfactant, because it can reduce the skin's SLES adsorption.
- It is also easily rinsed off to conserve water and save time.