



# Personal Care Formulary

7847 West 47th Street, McCook, IL 60525  
Phone: 1-708-442-9100 • Fax: 1-708-442-0213  
www.elecorporation.com

## Moisturizing Hand Wash

This clear, water-thin hand wash formulation is designed to be used with foaming pump dispensers. Mild and sulfate free surfactant blend PEL-SURF PHC provides an abundant, tight, luscious, creamy foam, easy to spread and rinse. Safflower oil-derived skin conditioning agent PEL-AMPH EFA brings a smooth end-feel, without stickiness. This hand wash is ideal for daily multiple use without dry skin feel. It has an ultra-short ingredient list free from sulfates, PEG, EO, dioxane, silicones. .

#	Ingredients	Function	%
1	Water	Solvent	64.4
2	Glycerin	Humectant	4.0
3	PEL-SURF PHC* (Water, Disodium Cocoamphodipropionate, Sodium C14-16 Olefin Sulfonate, Coconut Oil Aminoethoxyethanol Amides, Arginine Lauraminopropionate)	Surfactant	3.0
4	Citric Acid	pH adjuster	0.5
5	PEL-AMPH EFA (Linoleamidopropyl PG-dimonium Chloride Phosphate)	Skin Conditioning Agent	1.0
6	Preservative	Preservative	q.s.

**Procedure:** (cold process):

Add ingredients into water in the listed order. Mix well after each addition.

**Results:**

Appearance: clear, pale yellow liquid  
pH: 6.5-6.8  
Viscosity @25°C: 8-20 cps  
Stability, 8 weeks @45°C: pass

**Observation:** The pH absolutely needs to be adjusted above pH 6 to avoid any undesirable thickening and/or hazey appearance.

\*: **Regulatory compliance:** PEL-SURF PHC can be replaced by PEL-SURF PHC2 to comply with Australian and Chinese National Inventories. See details below:



**Distributed by:**

**Global Ingredient Solutions**

CustomerService@ingsolutions.com

Phone: (949) 336 - 6275

www.globalingredientsolutions.com

Trade Name	INCI Name	All components are registered/listed on:
PEL-SURF PHC	Water, Disodium Cocoamphodipropionate, Sodium C14-16 Olefin Sulfonate, Coconut Oil Aminoethoxyethanol Amides, Arginine Lauraminopropionate	TSCA: Toxic Substances Control Act (USA) NDSL: Non-Domestic Substances List (Canada) IECSC: Inventory of Existing Chemical Substances Produced or Imported in China
PEL-SURF PHC2	Water, Disodium Cocoamphodipropionate, Sodium C14-16 Olefin Sulfonate, Cocamide	TSCA: Toxic Substances Control Act (USA) DSL: Domestic Substances List (Canada) NDSL: Non-Domestic Substances List (Canada) AICS: Australian Inventory of Chemical Substances IECSC: Inventory of Existing Chemical Substances Produced or Imported in China IECIC: Inventory of Existing Cosmetics Ingredients in China

#MS-U-035105

While every effort has been made to reproduce these formulations correctly, the Ele' Corporation cannot accept any liability for the information present. All formulations are provided in good faith, but no warranty is given as to accuracy of information or results, or suitability for a particular use, nor is freedom from patent infringement to be inferred. Formulations are offered solely for consideration by the intended end-user.