

## **Product Formulation**

### **Concentrated Dishwashing Liquid**

PHC-PF-23-149

Experience the perfect balance of sustainability and performance with our Concentrated Dishwashing Liquid. With its biodegradable formula, it effectively cuts through grease and grime, while its conditioning properties keep your hands soft and smooth.

Phase	Ingredient	INCI	Function	%
A1	Reverse Osmosis Water	Aqua	Solvent	47.90
A2	Potassium Hydroxide	Potassium Hydroxide	Chelating Agent	1.00
A3	Citric Acid	Citric Acid	pH modifier	1.00
A4	Decyl/Undecyl Glucoside	Decyl/Undecyl Glucoside	Surfactant	10.00
A5	Sufrasoft AO100	Cocamidopropylamine Oxide	Surfactant	15.00
A6	Sufrasoft CB30	Cocamidopropyl Betaine	Surfactant	15.00
A7	Sufravon 874	Potassium Cocoate	Surfactant	10.00
A8	Fragrance		Fragrance	0.1
	TOTAL			100.00

#### **Formulation Benefits**

- √ Excellent degreasing property
- √ Good foaming effect
- √ Natural formulation

#### **Key Ingredients**

#### Sufrasoft AO100

- ✓ Bio-Based, biodegradable and nonhazardous
- ✓ Stable over a wide pH range
- √ Sulfate Free
- ✓ ISO 16128-1: 89%

#### **Sufrasoft CB30**

- ✓ Outstanding mildness
- √ Good foaming character
- √ Conditioning effect
- ✓ ISO 16128-1: 63%

#### Sufravon 874

- √ Clinically tested hypoallergenic
- √ With viscosity building
- √ With built-in moisturizer
- ✓ ISO 16128-1: 100%

All data, formulations and information provided herein have not been comprehensively tested and are not represented as suitable for any particular uses. Statement concerning possible or suggested uses made herein may not be relied upon or be construed as a guaranty of no patent infringement. Users have the sole responsibility and obligation for making preliminary tests to determine the suitability of the sample formulations described herein for any application, to make tests before use in any specific applications, and to confirm the performance, efficacy, safety and regulatory compliance of such products for their particular use.

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#### **Procedure**

In an appropriately-sized mixing vessel, add each ingredient in the specified order while mixing at appropriate speed. Endpoint should be a clear solution.

#### **Specification**

Appearance	Clear slightly viscous liquid
рН	7-8

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