

A close-up photograph of a person's hand holding a green sponge with white foam under a running kitchen faucet. The background is a blurred kitchen scene with a sink, a bowl, and some plants.

# ECOLABEL

# DISH SOAP

# CONCENTRATE

## Let's clean dishes in an eco-friendlier way

A thick and rich, concentrated formula that combines readily biodegradable, vegetal-origin, and low eco-toxicity ingredients to ensure excellent foam and superior detergency.

 **Univar**Solutions

# ECOLABEL DISH SOAP CONCENTRATE

LAB LOCATION: ESSEN, GERMANY | FORMULA #: 2.4.4.5.22

TRADE NAME	% BY WT	FUNCTION & BENEFITS	SUPPLIER
Water	Up to 100	Solvent	Univar Solutions
CAFLON 2L70	24.0	An anionic surfactant concentrate which has excellent foaming, cleaning and emulsifying properties. Ecocert and EU Ecolabel certified.	Univar Solutions
CAFLON CAB30	16.0	A plant derived amphoteric co-surfactant with thickening and foam booster effect. It decreases the irritation level of anionic surfactant in formulation. EU Ecolabel certified.	Univar Solutions
LEVENOL F-200	2.4	A non-ionic surfactant with low eco-toxicological profile. It has hydrotropic, low foaming and wetting agent properties and used as emulsifier, detergent and fragrances solubilizer. Ecocert and EU Ecolabel certified.	Kao Chemicals
Ethanol (96 %)	0.5	Solvent	Univar Solutions
AMIDET N	1.0	A high concentrated liquid surfactant which shows very good solubilizing and emulsifying properties. It presents better performance in terms of thickening and foaming than Cocamide DEA. Ecolabel certified.	Kao Chemicals
Lemon Oil Organic IT	0.2	Essential oil fragrance derived from plant.	EarthOil
Preservative, Dye	q.s.	Aesthetics/Preservation	Univar Solutions
AMP-95	q.s.	A multifunctional and readily biodegradable buffer.	Angus
Progress Uno EC 100L	0.7	A tough protease for tough conditions, with enhanced stability in detergents with high pH, high water content or strong chelators. Ecocert certified.	Novozymes

## PROCEDURE

1. Combine CAFLON 2L70, CAFLON CAB30, LEVENOL F-200, Ethanol (96 %) and water. Mix well to ensure homogenous solution is obtained.
2. In a different vessel, combine AMIDET N and essential oil and mix to ensure uniformity.
3. Add the premix, dye and preservative to the main vessel one by one while stirring.
4. Adjust the pH to 6.5 with AMP-95.
5. Add Progress Uno EC 100L while mixing.
6. Check the pH. Do an additional adjustment if needed.

## PROPERTIES

- pH: 6.5
- Viscosity: 7000-7500 mPa.s
- Appearance: Clear green viscous liquid

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