



# ECOCERT

# LAUNDRY

# CONCENTRATED

# DETERGENT

## **Adopt a sustainable way of washing your clothes**

Washing at lower temperature is key to improving the overall sustainability profile of cleaning. Using renewable and biodegradable enzymes, this concentrated solution empowers the surfactants to work on tough stains even at 30°C.

 **Univar**Solutions

# ECOCERT LAUNDRY CONCENTRATED DETERGENT

LAB LOCATION: ESSEN, GERMANY | FORMULA #: 2.2.2.5.22

TRADE NAME	% BY WT	FUNCTION & BENEFITS	SUPPLIER
Water	Up to 100	Solvent	
CAFLON GL0700	15.8	A naturally derived non-ionic surfactant. It has high surface activity and detergency and can be combined with anionic, cationic and non-ionic surfactants. EU Ecolabel and Ecocert certified.	Univar Solutions
CAFLON 2L70	24.5	An anionic surfactant concentrate which has excellent foaming, cleaning and emulsifying properties. Ecocert and EU Ecolabel certified.	Univar Solutions
CAFLON SQ40-M	2.0	A readily biodegradable complexing agent with excellent ecological and toxicological profile. Ecocert certified.	Univar Solutions
Potassium Cocoate 30%	6.5	A potassium soap used as foam controller and aid in water hardness removal.	Univar Solutions
Sodium citrate	5.0	Builder	Univar Solutions
Dispersant	1.0	For preventing the deposition of water hardness ions.	Univar Solutions
Dye, Preservative, Fragrance	q.s.	Aesthetics/Preservation	Univar Solutions
Citric acid	q.s.	pH buffer	Univar Solutions
Medley Brilliant EC 300L	2.5	A multi-enzyme blend that enables wide range of everyday stain removal. Moreover it offers color care and whiteness improvement. Ecocert certified.	Novozymes

## PROCEDURE

1. Combine CAFLON GL0700, CAFLON 2L70, CAFLON SQ-40M and water.
2. Add Potassium cocoate and Sodium citrate under moderate agitation.
3. Introduce dispersant, dye, preservative and fragrance one by one under stirring while ensuring the mixture is homogenous in between addition.
4. Check and adjust the pH to 8.0-8.5 with citric acid.
5. Add Medley Brilliant EC 300L under stirring.
6. Check the pH and do an additional adjustment if necessary.

## PROPERTIES

- pH: 8.0-8.5
- Viscosity: 550 mPa.s
- Appearance: Clear pink liquid

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