

ECOCERT FABRIC SOFTENER



Make your clothes last longer

This formula delivers a concentrated solution for optimizing fabric softness. Using the power of vegetable-based surfactant and biology, this enzymatic fabric softener can prevent fuzz and pills, keep fabric colours new and make clothes last longer.

ECOCERT FABRIC SOFTENER

LAB LOCATION: ESSEN, GERMANY | FORMULA #: 2.1.5.5.22

TRADE NAME	% BY WT	FUNCTION & BENEFITS	SUPPLIER
Water	Up to 100	Solvent	Univar Solutions
TETRANYL L6/90	19.0	Ecological and biodegradable cationic surfactant for fabric softeners with anti-static and softening effect. Ecocert and EU Ecolabel certified.	Kao Chemicals
Calcium chloride	0.5	Vscosity controller	Univar Solutions
Preservative, Dye, Fragrance	q.s.	Aesthetics/Preservation	Univar Solutions
Citric acid	q.s.	pH adjuster	Univar Solutions
Carezyme EC 4510 L	0.1	A liquid cellulase that removes fuzz and pills, and therefore improves fabric softness. Ecocert certified.	Novozymes

PROCEDURE

1. Heat up water to 55°C.
2. Add dye to water and stir until uniform.
3. Add TETRANYL L6/90 and mix well.
4. Add Calcium chloride under stirring.
5. Cool down to the temperature 30-35°C, then add preservative.
6. Cool down to room temperature.
7. Add fragrance and mix well.
8. Adjust the pH to 3.5-4.0 with citric acid.
9. Add Carezyme EC 4510 L under stirring.
10. If necessary, adjust the viscosity by adding Calcium chloride.

PROPERTIES

- pH: 3.5 - 4.0
- Viscosity: 60 mPa.s
- Appearance: Milky white liquid

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