

HOSPITALITY

READY FOR
A REVOLUTION?



COOL CHEMISTRY

Total wash concept for the gentle but highly effective
treatment of hospitality linen

SPECTACULAR WHITENESS

EXCELLENT STAIN REMOVAL

OUTSTANDING DISINFECTION PROPERTIES
FROM 40° C ONWARDS

PH NEUTRAL PROCESS

PASSIONATE ABOUT LAUNDRY



CHRISTEYNS
LAUNDRY TECHNOLOGY



Concept



Christeyns developed **Cool Chemistry**, a total wash concept that has an impact on nearly all laundry costs. **Cool Chemistry** is based on truly innovative chemicals, combined with an adapted and well balanced wash process.

Cool Chemistry offers the possibility to wash at lower temperatures, with excellent wash quality, bleaching and disinfection results from 40° C onwards.

Components

Innovative chemicals



Detergent : **Cool Care**

- Innovative surfactants and an enzymatic cocktail, active from 40°C onwards

INCLUDING
THE POWER OF
ENZYMES

Bleach / *disinfectant :

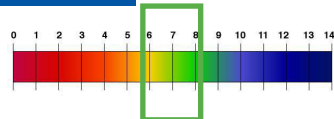
Cool Brite / ***Cool Asepsis**

- Great bleaching /*disinfection from 40°C onwards
- No smell
- *Compliant with EN1276, EN1650, EN13704, EN14476 and EN13727

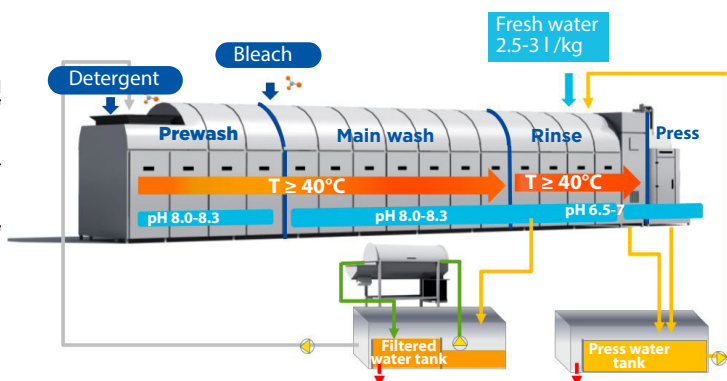


Adapted wash process

- Neutral pH
- Less salts
- Low temperature possible
- Can be used in all existing process set-ups

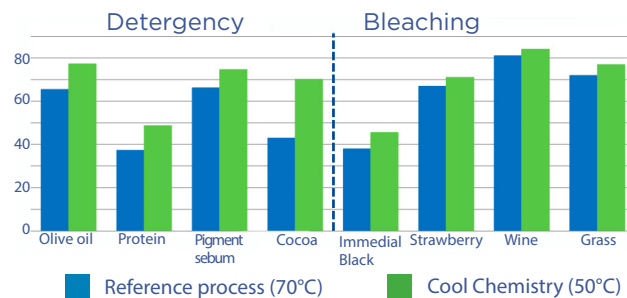


Standard process set-up hospitality



Test results

Wash quality of terry towels



Case studies

Customer France

Temperature	60°-70°C ➔ 40°-50°C
Water	Savings : 4 l /kg
Energy	Savings : 0,1 kWh/kg linen
Whiteness Degree (DW)	DW 228 ➔ DW 233 (after 8 months)
Textile damage	10 - 12% ➔ 5 - 6%
COD	Reduced by 20 - 25%
Conductivity	Increase < 600µS/cm

Customer Sweden

Temperature	55°C ➔ 40°C
Water	Savings : 3,1 l /kg
Energy	Savings : 0,08 kWh/kg linen
Whiteness Degree (DW)	DW 225 ➔ DW 220 (after 6months)*
Textile damage	11% ➔ 6%
Conductivity	Increase < 400µS/cm
Other remarks	Achieved Nordic Swan 3.0 label

(*) New textiles included OBA and were washed during 6 months without OBA

Benefits

QUALITY

- Spectacular whiteness
- Excellent stain removal
- Longer textile lifetime
- Perfect disinfection



OPTIMISED OPERATIONS

- pH neutral process
- Lower temperatures
- Lower COD discharge
- Lower conductivity
- Reduced carbon footprint

