

# DEPTAL SMP



Highly wetting and complex-forming alkaline disinfecting detergent in single-phase applications for CIP and tunnels

## ADVANTAGES AND BENEFITS

- Disinfectant detergent: no additional phase and reduced product consumption
- Optimisation of total cleaning costs: reduced water and energy consumption
- Suitable for cleaning and disinfection of circuits, especially heating circuits
- Complexing product to limit mineral deposits and prevent scaling (1% complexing 30°F)
- Good degreasing action
- Bactericidal, yeasticidal and virucidal activity
- Non-foaming



CIRCUITS



TUNNELS



Circulation



Dip

Store in cool dry place.

# DEPTAL SMP

## PROTOCOL

For circulation

Concentration: 3% / Contact time:  $\geq 15$  min / Temperature: min 40°C

## SUCCESS CASE - washing tunnel of a cheese manufacturer (Spain)

Problematics:

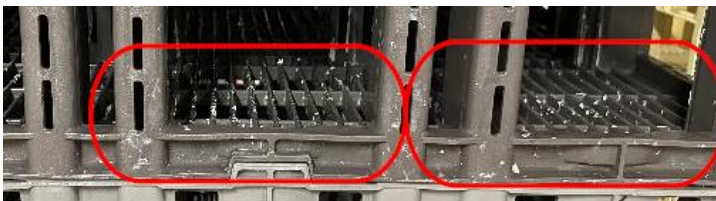
- Customer needs cleaning process optimization (from double phase to monophasé)

Kersia Proposal:

- DEPTAL SMP monophasé 1,2%; 60°C; 110 sec; 4 bar

Customer benefits:

- No need of acid step anymore (previous: weekly)
- Time operative reduction
- Save water and chemical products (-20%)



**BEFORE CLEANING**



**AFTER CLEANING**

## SUCCESS CASE Fish processed food (Italy) Tunnel washing

Problematics:

- Customer used chlorine at high temperature -> corrosion + wastewater not compliant
- Many steps and different chemicals in the procedure

Kersia Proposal:

PREVIOUS Parameters with Competitor product			Kersia Parameters with DEPTAL SMP		
Cleaning parameters	Temp (°C)	Conc (%)	Cleaning parameters	Temp (°C)	Conc (%)
Rinse step	25°C	-	Rinse step	25°C	-
Alkaline step with COMPETITOR PRODUCT	55°C	1,0 %	Alkaline step with <b>DEPTAL SMP</b>	55°C	1,0 %
Additive with COMPETITOR PRODUCT	55°C	0,2 %	NO NEED OF Additive		
Final rinse with drinking water	25°C	-	Final rinse with drinking water	25°C	-
Disinfection step with H2O2 raw material	25°C	0,2 %	NO NEED OF ADDITIONAL DISINFECTION STEP		

Customer benefits:

- Reduction in discharges: DEPTAL SMP doesn't containing chlorine or phosphorus
- - 30% of chemical products volume consumed
- - 40% of microbiological non conformities
- 100% removal of mineral deposits