

DEPTAL MP

Highly complexing single-phase detergent for circuits



ADVANTAGES AND BENEFITS

- Powerful detergent for use in a single-phase method: to reduce acid phase, save water and energy
- Cleans organic and mineral residues
- Saves time by reducing the number of cleaning steps (3 phases instead of 5)
- Complexing product to limit scaling (1% complexing 35°F)
- Good rinsability thanks to wetting and anti-foaming agents
- Suitable for all circuits: thermal and non-thermal circuits, but very efficient on thermal
- Easy concentration monitoring thanks to conductivity



Circulation

Store in a cool dry place

DEPTAL MP

PROTOCOL

Concentration: 1-4%.

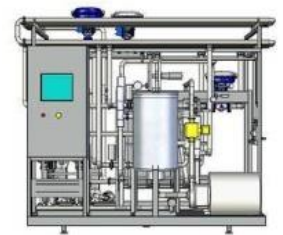
Temperature: 50-90°C

Contact time: depending on process

SUCCESS CASE in a UHT milk production plant

BEFORE

5 phases: rinse, alkaline phase, rinse, acid phase, rinse
4 tanks mobilized



- KERSIA proposal for an optimised cleaning method:

Step	TIME (min)	TEMPERATURE (°C)	CONCENTRATION (%)
Water rinsing	5	Ambiant	-
DEPTAL MP	30	50-90	2%
Alkaline cleaning			
Water rinsing	5	ambiant	-

AFTER

- 3 phases only instead of 5: rinsing, DEPTAL MP cleaning, rinsing
- 3 tanks mobilized instead of 4: 1 additional tank available for more flexibility
- Lower consumption of water, electricity, steam and cleaning products
- Reduction in cleaning time by 30%: more time to produce UHT milk

