

# Bottling plant

## Bottle washing machines

Type	Product	Product Characteristics	Application/Control
<b>Additives to clean very dirty bottles and to remove mould, larvae, pectine rustring, etc.</b>	<b>P3-stabilon BP</b>	Concentrated powder with cleaning, complexing sequestering agents, surfactants and antifoam. Used in combination with caustic soda solutions. Especially suitable to remove the specific contaminants of mineral water bottles, as well as mould, larvae, pectine, cockroach eggs, rust rings, etc. The concentration will depend on the water hardness and degree of soil.	C. 0.3 – 0.5% T. 60 – 80°C see special titration instructions
	<b>P3-stabilon BPC</b>	Concentrated powder with cleaning, complexing sequestering agents, surfactants and a high content of antifoam agents which makes the product very suitable for spray type washers. Used in combination with caustic soda solutions. Especially suitable to remove the specific contaminants of mineral water bottles, as well as mould, larvae, pectine, cockroach eggs, rust rings, etc. The concentration will depend on the water hardness and degree of soil.	C. 0.3 – 0.5% T. 60 – 80°C see special titration instructions
<b>Additive</b>	<b>P3-stabilon WT</b>	Liquid concentrated mixture of sequestering, other cleaning agents and dispersants. Free from phosphates and surfactants. Product can be mixed with concentrated liquid caustic soda <b>without separation!</b> Mixing ratio depending on degree of soil. It is also suitable to be used on aluminium labels!	C. 0.1 – 0.3% T. 60 – 80°C Mixing ratio of NaOH 50% and P3-stabilon WT 95:5 for normal soil 90:10 for heavy soil
	<b>Stabilon MEX Power</b>	Liquid additive for alkaline cleaning solutions, especially for the cleaning of returnable bottles.	C. 0.2.- 0.6% T. 60 - 80°C
<b>Additives to reduce glass corrosion</b>	<b>P3-stabilon SCP</b>	Especially designed liquid concentrated mixture of sequestering, other cleaning agents dispersants, surfactants and antifoamers which improve the cleaning effect and <b>reduce the glass corrosion.</b> It is also suitable to be used in aluminium labels!	C. 0.15 – 0.3% T. 60 – 80°C

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<b>Additives for the removal of aluminium labels</b>	<b>P3-stabilon AL</b>	Liquid concentrated mixture of sequestering and other cleaning agents with a high content of antifoam agents. Used in combination with caustic soda solutions.	C. 0.15 – 0.3% T. 60 – 80°C (see product data sheet)
	<b>P3-stabilon plus</b>	Liquid concentrated mixture of sequestering and other cleaning agents, surfactants and antifoam agents. Used in combination with caustic soda solutions. The synergistic effect of the composition makes this product well suited for cleaning the <b>dirtiest bottles</b> .	C. 0.15 – 0.3% T. 60 – 80°C (see product data sheet)
<b>Antifoamers</b>	<b>P3-prevafoam DUO</b>	Neutral liquid antifoam agent containing foam depressing surfactants, to be added to alkaline solutions if required.	C. 0.01 – 0.03% T. cold - 80°C
	<b>P3-prevafoam HD</b>	Liquid hot-defoames	C. 0.01 – 0.07% T. 60 – 80°C
<b>Rust ring remover</b>	<b>P3-ferisol</b>	Liquid concentrated additive containing cleaning, complexing and sequestering agents. Used in combination with 2 – 4% caustic soda solutions. It also improves cleaning results on mould contaminates bottles.	T. 60 – 80°C C. minimum 0.5% depending on water hardness.
<b>Scale preventor</b>	<b>P3-polix XT</b>	Liquid acid concentration containing organic sequestering agents to prevent calcium deposits in the warm water rinsing selection. P3-polix XT has a threshold effect on the water hardness, but in order to prevent a settling of the hardness particles the compartments should be rinsed thoroughly after each production.	C. 5 – 80 ppm
<b>Sanitizer for rinsing water</b>	<b>P3-oxonia active</b>	Slightly acid sanitizer based on a stabilized combination of peracetic acid and hydrogen peroxide. A 0.2% solution contains 90 ppm peracetic acid. FDA-approved	C. 0.01 – 0.1% T. ambient
	<b>P3-horolith AS</b>	Highly acid powder with corrosion inhibitors and colour indicator, suitable for all metals.	C. 5 – 10% T. 30 – 60°C
<b>Sanitation by circulation or spraying of the bottle washer head section</b>	<b>P3-topax 99</b>	Sanitizer based on amine acetates. Producing a foam – layer at higher concentrations	C. 1 – 2% T. ambient t. > 15 min
	<b>P3-polix DES</b>	A nearly neutral disinfectant based on the synergistic effect of Biguanide and quaternary ammonium compounds (QAC).	C. 0.2 – 0.3% T. ambient t. > 15 min