



Appropriate farm dairy detergent use

Effective cleaning of dairy plants is an important part of supplying high quality milk to Fonterra.

Just as important as the cleaning is the prevention of any residual cleaning chemicals entering the milk supply. Fonterra, as well as our regulator, MPI, and our overseas customers and markets need to ensure we supply consumers with milk and milk products that are free from contaminants.

All farm dairy detergents must be thoroughly rinsed from the dairy plant prior to the next milking in order to prevent residual chemical contamination of the milk. Best practice guidelines:

	Suppliers on compliant water	Suppliers on water exclusion
At end of CIP	<ul style="list-style-type: none"> • Drain plant completely 	<ul style="list-style-type: none"> • Drain plant completely
Prior to next milking	<ul style="list-style-type: none"> • Thoroughly rinse plant with appropriate volume of water (talk to your detergent supplier) and retain that for your post-milking flush • Drain plant of rinse water • Commence milking 	Either: <ul style="list-style-type: none"> • Dispose of first milk off the plant Or <ul style="list-style-type: none"> • Thoroughly rinse plant with water and small volume of chlorine sanitiser (to make the water compliant – talk to your detergent supplier regarding how much)
At end of milking	<ul style="list-style-type: none"> • Change vat valve to drain and flush plant with pre-milking rinse • CIP plant as per your wash programme 	<ul style="list-style-type: none"> • Change vat valve to drain and flush plant with pre-milking rinse (if used) • CIP plant as per your wash programme
Vat wash	<ul style="list-style-type: none"> • Wash as per normal programme • Rinse with appropriate volume of fresh water 	<ul style="list-style-type: none"> • Wash as per normal programme • Rinse with appropriate amount of water with small volume of chlorine sanitiser added

Your farm dairy detergent supplier, Farm Dairy Assessor and milking equipment supplier can advise you on the proper volume of water required to achieve an effective rinse in your plant and review your wash programme to ensure it is optimal for achieving a clean plant and residue-free milk.