

fact file: *Multiwash 900 Liquid Alkali*

What is Agmax Multiwash 900 Liquid Alkali

Agmax Alkali Multiwash 900 Liquid Alkali is a concentrated chlorinated alkaline detergent. It is MPI approved for use in farm dairies.

Multiwash is a low foaming alkali detergent suitable for both machine and vat.



Did you know?

A choice of three detergent systems is available from Agmax:

Full Powdered System
Alkali & Acid Sachets

Performance, safety & simplicity. No measuring, no spills or wastage. Use alkali daily or every second day.

Conventional System
Alkali Sachet Powder & Maximum Acid Liquid or Works Acid Liquid.

Performance & economy. Superior sanitising power. With Maximum & Works use Alkali at least twice per week.

Fully Automated Wash System & Reverse Flow System (Backflush)
Maximum Acid, Works Acid & Multiwash Alkali Liquids.

When powders can't be used (i.e. most reverse flow plants) do an Alkali wash daily or every second day.

CLEANING POWER is the ability to remove the fat and protein deposits that breed bacteria and depends mostly on your **ALKALI** detergent. The acid detergent does some cleaning, especially of mineral deposits. Acid can also provide your primary sanitising power (e.g. all Agmax acids). However, the real cleaning grunt comes from **alkali**, so use a strong alkali detergent and recirculate for 6-8 minutes to enable good contact time in the plant and vat. In summertime increase the number of alkali washes to keep your machine and vat protein free. Maximum and Works were developed and trialed over two years. They have proven to be many times more effective than our previous acids as well as other acid products on the market.

Features of Agmax Multiwash 900 Liquid Alkali

- Superior cleaning performance
- Specialised concentrated alkali ideal for use in automated detergent dispenser
- Provides wetting power & detergency to improve cleaning of organic residues
- New sanitising technology free of quaternary ammonia compounds (QAC) & Nonylphenol Ethoxylate (NPE) free
- Dilution rate: 1.5ml to 1 litre i.e 150ml to 100 litres
- Contains chlorine
- Readily Biodegradable
- Pale yellow for identification
- MPI approved

Benefits of Agmax Multiwash 900 Liquid Alkali

- Excellent cleaning and removal of protein deposits
- Ideal for plants with high velocity/high water turbulence wash systems
- Effective in all water types
- Increase Milk Quality safety margin

Available in the following sizes



- 20 Ltr
- 100 Ltr
- 200 Ltr

Telephone 0508 524 824 for more information

CONTINUED OVERLEAF

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www.agmax.co.nz

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Application

For periodic cleaning of all stainless-steel Farm Dairy machines and milk vats. This is a low foaming product for use in hot water 85°C min, compatible with a wide range of farm water types. It is a concentrated chlorinated alkaline detergent. Use Multiwash 900 at least **THREE TIMES PER WEEK** to prevent build up of protein deposits.

After Milking see below

MILKING MACHINE		BULK MILK TANK
RECIRCULATING	SINGLE PASS	VATS
1. Cold Water Rinse 20lt per set cups.	1. Cold Water Rinse 20lt per set cups.	1. Cold Water Rinse after collection.
2. Hot Alkali Wash 10lt water 85°C and 15ml Multiwash 900 per cluster.	2. Hot Alkali Wash 10lt water 85°C and 15ml Multiwash 900 per cluster.	2. Hot Alkali Wash 150ml Multiwash 900 per 100lt water 85°C. <i>See below for recommend Vat Wash volumes.</i>
3. Cold rinse plant with 10lt water and 10ml Maximum Acid Sanitiser per cluster *1	3. Cold rinse plant with 10lt water and 10ml Maximum Acid Sanitiser per cluster *1	3. Cold rinse vat with 100lt water and 100ml Maximum Acid Sanitiser *2.
4. Drain plant with residues minimised. Rinse plant with 5-10 litres per cluster of cold compliant water, recycling for a minimum of 10 minutes.	4. Drain plant with residues minimised. Rinse plant with 5-10 litres per cluster of cold compliant water, recycling for a minimum of 10 minutes.	4. Drain plant with residues minimised. Rinse plant with a minimum of 120 litres or 2% of vat capacity cold compliant water, whichever is the greater.
5. Plant to be drained and residues minimised.	5. Plant to be drained and residues minimised.	5. Plant to be drained and residues minimised.

*1. Or 15ml Works Acid Sanitiser Or 10g Agmax Acid Powder

*2. RECOMMENDED VAT WASH VOLUMES

100lt up to 4500lt vat
250lt up to 12000lt vat

150lt up to 6800lt vat
300lt up to 16000lt vat

200lt up to 9100lt vat
400lt up to 22000lt

POISON
KEEP OUT OF THE REACH OF CHILDREN

AGMAX

MULTIWASH 900

HEAVY DUTY CHLORINATED ALKALINE DETERGENT

LOW FOAMING HARD WATER GENERAL PURPOSE ALKALINE DETERGENT
For the periodic cleaning of all stainless steel Farm Dairy milking machines and milk vats.
This is a Low Foaming product for use in HOT water 85°C minimum,
Compatible with a range of farm water types.

Expiry

Batch No.

AGMAX INDUSTRIES LTD. 63b ALLENS ROAD, EAST TAMAKI, AUCKLAND. FREEPHONE 0508 524 824



Did you know?

TEMPERATURE is important for best cleaning performance. Acid can be used both hot and cold (e.g. hot in the morning & cold at night). But alkali **must** be used hot to be effective. Generally, hot water should be 85°C to start (ex the hot water cylinder) and can be recirculated right down to 60°C and then dumped.

CONTACT TIME is especially critical. Detergents, especially alkalis, reach their maximum effectiveness after about 6 – 8 minutes of contact. You can't achieve that time without recirculating (that's why reverse flow is such a dodgy proposition). If your alkali washes are not at least **6-8 minutes in duration**, you're wasting some of your money. If you wash for only 2 minutes, you're wasting virtually all of it. Why pay for 100% performance and then use only 20%?

DETERGENT STRENGTH is often misunderstood, a fact used to advantage by some chemical sales reps. All the major brands are of similar strength and are tested and approved for use at the same concentration. However, one tip to bear in mind is that powdered alkalis are **always** going to be stronger than liquid alkalis. For example, Agmax Alkali Sachets are four times as "caustic" as our liquid Multiwash and contain three times the chlorine.

PRICES of Agmax detergents are **consistently more cost effective**, because with Agmax Acid and Alkali powdered sachets the use rate is 100gm/100litres and Maximum Acid is 100mls/100litres. Many other brands are 150gm or 150mls per 100litres. Our regular prices are usually lower than other brand's limited time specials, and in the long term we're always lower. You can still save hundreds of dollars per season with Agmax detergents.

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