

fact file: Acid Sachet

What is Agmax Acid Sachet Detergent

Agmax Acid Sachet Detergent is a powerful cold-water detergent. It is MPI approved for use in farm dairies.

To compare Agmax Acid powdered sachets with any other brand of liquid acid, check the use rate. Our use rate is 100g/100lt while many are 150ml/100lt. That is, when you use liquid acid, you use half as much product again. This is important, as it indicates the strength of acid sachets.



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 Acid Sachet Detergent

- Powerful cold-water detergent
- Super low foaming, superior cleaning and sanitising
- New sanitising technology free of quaternary ammonia compounds (QAC) & Nonylphenol Ethoxylate (NPE) free
- Dilution rate: 100mls to 100 litres
- No measuring, spills or waste
- 100% Concentrate, not already diluted with water
- 20kg equals 30lters of liquid acid
- Effective in all water types
- MPI approved

Benefits of Agmax Acid Sachet Detergent

- Superior cleaning & sanitising performance. Cleaner machine and vat
- No spills or waster – less health and safety issues.
- For use in hot or cold water, at same concentration
- Sachets eliminate any issues with product contamination
- Easy to store and long shelf life

Available in the following sizes



- All 3 sizes come in a 20 kg bag
 - 100g
 - 150g
 - 250g

Telephone 0508 524 824 for more information

CONTINUED OVERLEAF

AGMAX PRODUCTS ARE MANUFACTURED AND MARKETED BY AGMAX INDUSTRIES LIMITED

www.agmax.co.nz

fact file: Acid Sachet

Application

For Hot and Cold Acid Washes – see Use Rates below.

NUMBER OF SACHETS REQUIRED PER WASH

Hot/Cold Wash	No. of Sachets	Sets of Cups	Bulk Milk Tank
Up to 150 litres	1 x 150g	10-15	Up to 6800 litres
Up to 200 litres	2 x 100g	20	Up to 10,000 litres
Up to 250 litres	1 x 250g	25	12,000 litres
Up to 300 litres	2 x 150g	30	15,000 litres
Up to 400 litres	4 x 100g	40	20,000 litres
Up to 500 litres	2 x 250g	50	25,000 litres
Up to 600 litres	4 x 150g	60	30,000 litres

Please refer to Agmax Alkali Super Sachets or Agmax Multiwash 900 Liquid Chlorinated Alkali for instructions on an alkali wash (minimum twice weekly). Compliance requires all milk surfaces to be rinsed with a minimum of 5-10 litres of cold compliant water per set of cups before milking. Hot water dump temperature must be no less than 65°C. If on water exclusion use 5mls Agmax Chlorine per 100 litres of water.



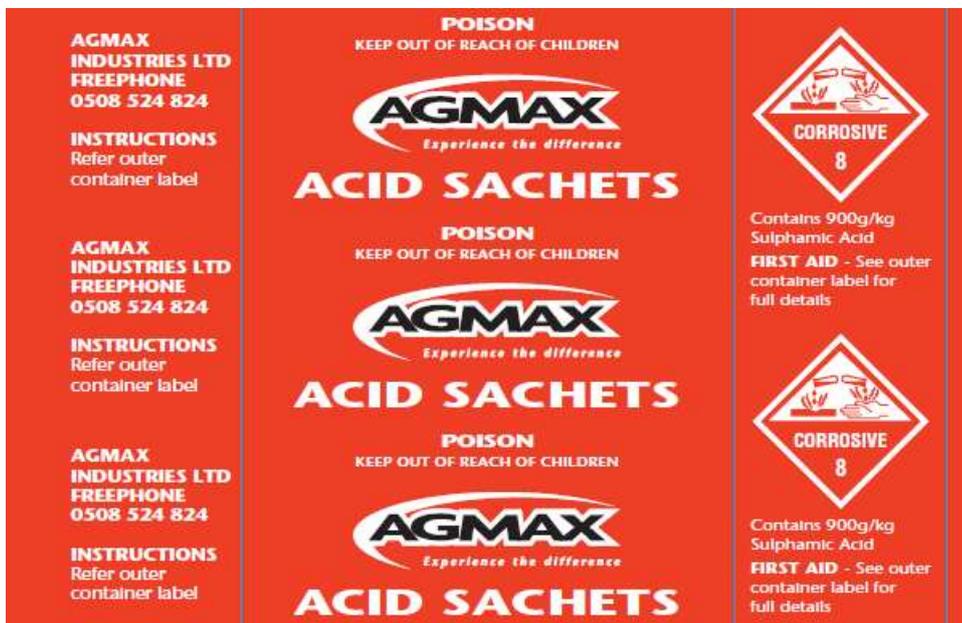
Did you know?

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.



Telephone 0508 524 824 for more information

AGMAX PRODUCTS ARE MANUFACTURED AND MARKETED BY AGMAX INDUSTRIES LIMITED

www.agmax.co.nz

fact file: Acid Sachet

A - MILKING MACHINE

MORNING – AFTER MILKING

- 1 RINSE plant with 10-20 litres per cluster of cold compliant water.
- 2 WASH plant with Hot water 85°C at 10 litres per cluster with the required number of Agmax Acid sachets (see Use Rates below).
- 3 RINSE plant with 5-10 litres per cluster of cold compliant water.
- 4 Plant to be drained and residues minimised.

EVENING – AFTER MILKING

- 1 RINSE plant with 10 -20 litres per cluster of cold compliant water.
- 2 WASH plant with Hot/Cold water at 10 litres per cluster with the required number of Agmax Acid sachets (see Use Rates below).
- 3 RINSE plant with 5-10 litres per cluster of cold compliant water.
- 4 Plant to be drained and residues minimised.

B – BULK MILK TANK

- 1 RINSE vat with cold compliant water using a minimum of 120 litres or 2% of vat capacity (whichever is the greater).
- 2 WASH vat with Hot water 85°C using a minimum of 120 litres or 2% of vat capacity (whichever is the greater) and the required number of Agmax Acid sachets. (see Use Rates below).
- 3 RINSE vat using a minimum of 120 litres or 2% of vat capacity (whichever is the greater) of cold compliant water.
- 4 Vat to be drained and residues minimised.

C – USE RATES

For Hot and Cold Acid Washes – see Use Rates below.

NUMBER OF SACHETS REQUIRED PER WASH

Hot/Cold Wash	No. of Sachets	Sets of Cups	Bulk Milk Tank
Up to 150 litres	1 x 150g	10-15	Up to 6800 litres
Up to 200 litres	2 x 100g	20	Up to 10,000 litres
Up to 250 litres	1 x 250g	25	12,000 litres
Up to 300 litres	2 x 150g	30	15,000 litres
Up to 400 litres	4 x 100g	40	20,000 litres
Up to 500 litres	2 x 250g	50	25,000 litres
Up to 600 litres	4 x 150g	60	30,000 litres

Telephone 0508 524 824 for more information

CONTINUED OVERLEAF 

AGMAX PRODUCTS ARE MANUFACTURED AND MARKETED BY AGMAX INDUSTRIES LIMITED

www.agmax.co.nz