

fact file: *Alkali Sachet*

What is Agmax Alkali Sachet Detergent

Agmax Alkali Sachet Detergent is a powerful detergent. It is MPI approved for use in farm dairies.

To compare Agmax Alkali powdered sachets with any other brand of alkali powder, check the use rate. Our use rate is 100g/100lt while others are 150g/100lt. Our 20kg is equivalent to 30kg of all other brands. This is not only an important cost saving, but also indicates the strength of our product.



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 Alkali Sachet Detergent

- Super low foaming, superior cleaning and sanitising
- New sanitising technology free of quaternary ammonia compounds (QAC) & Nonylphenol Ethoxylate (NPE) free
- Dilution rate: 100g to 100 litres
- No measuring, spills or waste
- 100% Concentrate, not already diluted with water
- 20kg equals 30kgs of other brands
- Effective in all water types
- MPI approved
- Chlorinated alkali destroys fat and protein deposits that breed bacteria

Benefits of Agmax Alkali Sachet Detergent

- Superior cleaning & sanitising performance. Cleaner machine and vat
- No spills or waste – less health and safety issues.
- Sachets retain 100% chlorine strength until they are opened
- 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

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Application

For Hot Alkali and Hot or Cold Acid Sachet Washes – see 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

A high-performance alkali detergent for the removal of fat and protein soils, suitable for cleaning all stainless-steel farm dairy milking machines and vats. Low foaming, and compatible with all water types.

Use 2 or 3 times per week as part of a conventional alkali/acid cleaning routine or use every day as part of a daily alkali cleaning routine.



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 100g/100litres and Maximum Acid is 100mls/100litres. Many other brands are 150g 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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INSTRUCTIONS
Refer outer
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POISON
KEEP OUT OF REACH OF CHILDREN



ALKALI SACHETS

POISON
KEEP OUT OF REACH OF CHILDREN



ALKALI SACHETS

POISON
KEEP OUT OF REACH OF CHILDREN



ALKALI SACHETS



Contains 630g/kg
Caustic Soda
FIRST AID - See outer
container label for
full details



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DIRECTIONS FOR USE

For recommended Use Rates for wash and rinse volumes, see (C) below.

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.

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 Alkali sachets (see Use Rates below).
- 3 RINSE plant with Agmax Maximum or Works Acid (see Label) or Agmax Acid Sachets (see Use Rates below) in 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 Alkali sachets. (see Use Rates below).
- 3 RINSE vat with Agmax Maximum or Works Acid(see Label) or Agmax Acid Sachets (see Use Rates below) 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

NUMBER OF SACHETS REQUIRED PER WASH

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