

# fact file: Chlorine

## What is Agmax Chlorine

**Agmax Chlorine** is a liquid chlorine and contains 270g/lit Sodium Hypochlorite. It is MPI approved for use in farm dairies.

It can be used as an additive to your alkali wash in both the machine and vat, to prevent protein build up. It is also a fast and effective way to remove slime and algae off concrete.

## Features of Agmax Chlorine

- Clean up all around your dairy and yards
- Gets rid of moss eg fence posts
- Wash down the house and clean the roof – use on brickwork and paths
- MPI approved

## Application of Agmax Chlorine

### **Milk Plant and Vat Washing**

Add 250mls of Agmax Chlorine to every 100 litres of alkali wash solution for both plant and vat once a month or when necessary to prevent protein build up.

### **Water Exclusion**

If on water exclusion use 5mls Agmax Chlorine per 100lt water in the final rinse of both the plant and vat.

### **Concrete Cleaning**

Use 1-part Agmax Chlorine to 2 or 3 parts of water. Apply using a trigger sprayer or pressure sprayer and spray onto the affected area to wet.



### 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.

## Available in the following sizes



- 20 Ltr
- 100 Ltr
- 200 Ltr

Telephone 0508 524 824 for more information

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[www.agmax.co.nz](http://www.agmax.co.nz)



**POISON**  
KEEP OUT OF THE REACH OF CHILDREN

**AGMAX**  
*Trust us to be Direct*

**CHLORINE**

This product contains 270g/L Sodium Hypochlorite

An additive to your **ALKALI ONLY** wash in plant and vat to prevent protein build up and a fast and effective way to remove slime and algae off concrete.

AGMAX INDUSTRIES LTD. 63b ALLENS ROAD EAST TAMAKI, AUCKLAND. CALL FREE PHONE 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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