

MEDAC

ACIDIC DETERGENT

AUSTRALIAN MEDICAL DEVICE CLASS 1

ARTG No. 125527

MEDAC is a blend of specific inorganic mineral acids with an inbuilt detergent system. MEDAC is an efficient brightening and descaling compound and is free rinsing. MEDAC is designed for use in soft and hard water areas.

MEDAC is intended for use in the following operation:

- Brightening of stainless steel instruments and utensils.
- Periodic brightening of stainless steel instruments and utensils in ultrasonic machines.
- Surface brightening of stainless steel benches and trolleys.
- Removal of scale and soil deposits in sterilizers, washer/disinfectors, ultrasonic machines, anaesthetic apparatus decontaminators, dishwashing machines and hot water soaking baths.
- Descaling plastic and glass utensils.
- Assists in the removal of surface rust.

MEDAC CONTAINS PHOSPHORIC ACID 407 g/l, NITRIC ACID 43 g/l

CAUTION: DO NOT USE ON CHROME, SILVER PLATED OR ANY OTHER PLATED INSTRUMENTS. AVOID USE ON ACID REACTIVE METALS SUCH AS COPPER, STEEL, ALUMINIUM, ZINC, ETC.

DIRECTIONS FOR USE:

1. BRIGHTENING OF STAINLESS STEEL INSTRUMENTS AND UTENSILS - MANUAL METHOD

Preclean instruments with SONIDET or CLINIMAX.

Dilute MEDAC at a rate of 50mL per Litre of hot water (55 - 60°C) in a soaking tray, preferably plastic.

Immerse instruments and utensils for a period of 15 minutes (heavily soiled instruments may require a 30 minute immersion time).

Remove instruments or utensils from tray and rinse thoroughly.

2. PERIODIC BRIGHTENING OF STAINLESS STEEL INSTRUMENTS AND UTENSILS - ULTRASONIC METHOD

MEDAC should be added when the tank is filled with water at the rate of 5mL MEDAC per Litre of water.

The average size Ultrasonic Machine is 45 Litre capacity. This would require 225mL or for ease of measurements 250mL (1/4 of a Litre).

Follow normal cycle for ultrasonic machines ensuring that all articles are rinsed thoroughly. Heavily stained instruments may require further application.

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3. BRIGHTENING STAINLESS STEEL BENCHES AND TROLLEYS

Dilute MEDAC at the rate of 75mL per Litre of hot water (55-60°C).
Scrub thoroughly with a nylon brush and rinse thoroughly with water.

4. REMOVAL OF SCALE & SOIL DEPOSITS FROM STERILISERS

Ensure that steam is turned off. Open doors and allow the steriliser to cool (Do not apply MEDAC solution to hot surfaces). dilute MEDAC at the rate of 10mL per Litre of hot water (50-60°C) and apply with a mop. The surface should be maintained in a wet condition with the solution to allow MEDAC to penetrate and loosen the scale or soil deposits.

Heavily scaled or soiled sterilisers may require higher dilutions and repeated applications. When all traces of scale and soil have been removed the surface should be rinsed thoroughly with cold water and allowed to dry. Rinse mop and allow to air dry.

5. REMOVAL OF SCALE AND SOIL DEPOSITS FROM ULTRASONIC MACHINES, ANAESTHETIC MACHINES, WASHER/DISINFECTORS, ANAESTHETIC APPARATUS DECONTAMINATORS, HOT WATER SOAKING BATHS.

Turn off detergent dispensing system if fitted.

Drain machine.

Add a solution of 10mL of MEDAC per litre of hot water (55-60°C).

Start machine and allow normal cycle to operate. Heavily scaled or soiled machines may require more than one cycle or in some cases a higher concentration of MEDAC may be required more than one cycle or in some cases a higher concentration of MEDAC may be required.

Ensure that the machines are well rinsed to remove any traces of MEDAC.

6. REMOVAL OF SCALE & SOIL DEPOSITS FROM DISHWASHING MACHINES

If machines are fitted with Electronic Detergent Dispensing Units ensure that switches are in OFF position. Drain machine, refill and allow water to heat to a minimum of 60°C. Add MEDAC at the rate of 10 mL per litre to wash tank. In continuous washers MEDAC should also be added to the wash and power rinse tanks. However, as all machines have varying capacities it is recommended that the manufacturer's manual be referred to for accurate wash tank capacity. Start machine and allow to operate for 10 minutes. Stop machine and observe results. In the case of heavily scaled or soiled machines a long handled nylon brush may be employed to loosen heavy deposits. Restart machine and allow to operate for another 5 minutes. Heavily scaled or soiled machines may require further applications or in some cases a higher concentration.

Drain and rinse machine. Refill machine and switch on electronic dispensing units and commence normal operation. To prevent future scale or soil deposits it is suggested that the following weekly maintenance be followed. Switch off electronic detergent dispensing units and drain machine. Refill machine and allow water to heat to 60°C.

Add MEDAC as follows:

TUNNEL WASHERS: 200mL MEDAC to wash tank and power rinse tank

UP-RIGHT WASHERS: 75mL MEDAC to wash tank. Start machine and allow operate for 10 minutes.

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7. DESCALING OF GLASS AND PLASTIC WARE

Rinse all articles under running water and drain.

Dilute MEDAC at the rate of 50 mL per litre of hot water. (50 - 60°C).

Allow to soak for 15 minutes. (Heavily soiled articles may require stronger solution and a longer soaking time).

Drain, rinse under running water and drain.

8. MIELE PASTEURISING MACHINES

MEDAC is suitable for the neutralising operation in the Miele machine.

Add MEDAC undiluted to the acid neutraliser tank.

CAUTION: IN ALL OPERATIONS GLOVES MUST BE WORN. PROTECTIVE EYEWARE MUST BE USED. WHEN DESCALING STERILISER MASKS AND PROTECTIVE CLOTHING MUST ALSO BE USED.

CHEMICAL COMPOSITION AND PROPERTIES:

Composition:.....	Acid detergent
Detergent System:.....	Anionic
Solubility:.....	Soluble
Appearance:.....	Clear liquid
pH (Neat Solution):.....	<1.0
Specific Gravity:.....	1.2
Total Acidity (as % H3 PO4):.....	34
Volatility:.....	Nil
Flash Point:.....	Nil
Flammability:.....	Nil
Hazardous:.....	Corrosive Liquid N.O.S. UN 1760
Shelf life:.....	2 years

SAFETY DATA: Information is listed in the Material Safety Data Sheet. Refer to the medical section of the Whiteley Corporation website: www.whiteley.com.au .

PACKSIZE: 2 x 5 Litre

ENVIRONMENTAL STATEMENT: Whiteley Corporation manufactures products that comply with Australian and International environmental policy. Whiteley Corporation aims to ensure that every product is 100% biodegradable, whilst achieving optimal performance and benefit to customers. All Whiteley Corporation product are supplied in 100% recyclable containers. Whiteley Corporation and its staff are fully committed to ensuring that our environment and those international environs in which our products are used are enhanced by the use of technology, and that these environments are preserved for the enjoyment of future generations.

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