

SONIDET

MEDICAL EQUIPMENT & INSTRUMENT DETERGENT

AUSTRALIAN MEDICAL DEVICE CLASS 1
ARTG No. 125529

BENEFITS

- ✓ pH Neutral- safe for use on all instruments and devices
- ✓ Free rinsing and bacteriostatic
- ✓ Australian Standard Compliant

PERFORMANCE

- ✓ Concentrated formula
- ✓ Rapid cleaning action
- ✓ Effective in hard and soft water

SONIDET is a highly active *NEUTRAL* liquid detergent specifically designed for both machine and manual cleaning operations in the medical field. It is manufactured in a plant licensed by the Therapeutic Goods Administration. **SONIDET** is odourless, non-staining and is a safe detergent for the removal of hospital and surgical soils. Dilute solutions of **SONIDET** are colourless.

SONIDET is a bacteriostatic detergent and it is intended for use in the following operations:-

- Ultrasonic cleaning machines
- Manual cleaning of instruments prior to the Disinfecting or Sterilisation process
- Manual cleaning of anaesthetic Tubing prior to the Disinfecting or Pasteurising process
- Manual cleaning of Theatre Floors, Tables, Benches, etc.
- Manual cleaning of equipment such as Dialysis Machines
- Manual cleaning of Laboratory Glassware

RINSIBILITY

One of the important qualities of **SONIDET** is its greatly improved rinsibility over alkaline powders and liquids as determined by pH and conductivity studies.

In formulating **SONIDET** particular care was taken to ensure rapid and complete rinsibility so that cleansed particles are free of any detergent residue. It is most important that all Medical Instruments and Surfaces are completely free from detergent residues after being cleaned.

It is equally important to determine, in the case of insufficient rinsing, whether by machine or manual operations, if the surfaces of surgical instruments, after being cleaned, cause any primary skin irritation of exposed tissue, particularly internal tissue. To prove this possibility **SONIDET** was submitted to a primary skin irritation test by a N.A.T.A. Laboratory.

CORROSION CONTROL

With the complexities of various metals used in the construction of surgical instruments and equipment, safeguards should be undertaken to ensure the prevention of corrosion in the cleaning process. With this in mind a corrosion inhibitor has been in-built into the **SONIDET** formulation.

DIRECTIONS FOR USE

1. *ULTRASONIC CLEANING MACHINES*

SONIDET is a highly efficient ultrasonic detergent designed to optimise the ultrasonic cavitation process. Cavitation is the formation, within the cleaning solution, of small bubbles at high frequency. Immediately after the small bubbles or cavities are formed they are made to collapse inwards (implosion) with immense pressure. The energy which is caused by "implosions" creates the required action.

It is vital the right choice of detergent is used for the ultrasonic cleaning so that the "implosion" process is not impeded.

SONIDET should be added after the tank is filled and before the transducer is activated. Normal cycles should be followed. The solution is changed when the degree of fouling exceeds the practical limits for the class of work involved.

SONIDET is suitable for use as per AS4187 and AS4815 for neutral cleaning of medical devices.

Dilution: 5 mL **SONIDET** per litre of water or 50 mL **SONIDET** per 10 litre tank or 250 mL per 45 litre tank.

2. *MANUAL CLEANING OF INSTRUMENTS (Including Telescopes and Fibreoptic Equipment)*

'Manufacturer's instructions should be strictly followed'

Dilution: 5 mL **SONIDET** per litre of water or 25 mL **SONIDET** per 5 litres of water.

It must be noted that instrument disinfectants are not cleaners and all instruments should be cleaned, rinsed and drained before immersion in a glutaraldehyde based INSTRUMENT DISINFECTANT such as **AIDAL PLUS**, or prior to autoclaving.

3. *MANUAL CLEANING OF ANAESTHETIC TUBING*

Soak the tubing in **SONIDET** at room temperature for 30 minutes, making sure all tubing is totally immersed and entrapped air totally dislodged. The tubing should then be rinsed clean, preferably with a pressure rinse and drained before immersion in the disinfectant.

It must be noted that instrument disinfectants are not cleaners and all tubing should be cleaned, rinsed and drained before immersion in an INSTRUMENT DISINFECTANT such as **AIDAL PLUS**.

Dilution: 5 mL **SONIDET** per litre of water or 25 mL **SONIDET** per 5 litres of water.

4. *MANUAL CLEANING OF EQUIPMENT SUCH AS DIALYSIS MACHINES*

SONIDET is completely rinsible and as dilute solutions are colourless, there is no problem of residual staining.

Dilution: 5 mL **SONIDET** per litre of water or 25 mL **SONIDET** per 5 litres of water.

5. *MANUAL CLEANING OF OPERATING THEATRES (Floors, Walls, Ceilings, Tables, Benches and Equipment)*

The manufacturers of ANTISTATIC FLOORING (or Non-Conductive flooring) stress that only NEUTRAL cleaners should be used. Continued use of alkali based cleaners will cause deterioration of the floor surface. The corrosion inhibitor built into the **SONIDET** formulation plays an important part in the cleaning process for metal surfaces. Although stainless steel is used to a large degree corrosion can occur in the presence of mild steel.

Dilution: 5 mL **SONIDET** per litre of water or 25 mL **SONIDET** per 5 litres of water.

6. *MANUAL CLEANING OF LABORATORY GLASSWARE AND LABORATORY EQUIPMENT*

In formulating **SONIDET** particular care was taken to ensure rapid and complete rinsibility so that cleaned articles are free of detergent residues. This is particularly important whenever research is being conducted and articles such as micro titre dishes must be detergent free after final rinsing.

Dilution: 5 mL **SONIDET** per litre of water or 25 mL **SONIDET** per 5 litres of water.

STORAGE CONDITIONS

Store below 25 °C.

SAFETY

It is imperative that those using **SONIDET** should read the Material Safety Data Sheet prior to first use.

There is no way of predicting an individual's response to cleaning products. All cleaning products have a potential to cause skin and other irritation in susceptible individuals. Direct physical contact with the skin should be avoided. If irritation does occur when using this product or any other cleaning solution then the individual should be removed from direct contact with the solution until a satisfactory safe working environment for that individual is determined.

CHEMICAL COMPOSITION AND PROPERTIES

Surfactant system:.....	Non-ionic/cationic
Colour concentrate:.....	Yellow
Colour dilute solution:.....	(5 mL per litre) Colourless
Odour:	Nil
pH concentrate:.....	8 ± 1
pH dilution (5 mL per litre):.....	7.35
Solubility:.....	Completely soluble in water
Rinsibility:.....	Excellent – no residues
Specific gravity:.....	1.005-1.015
Corrosion inhibitor:.....	Sodium Nitrite
Foam properties:.....	Controlled foam
Abrasives:.....	Nil
Free caustic:.....	Nil
Flash point:.....	Nil
Toxicity:.....	Nil
Dangerous goods rating:.....	Nil
Soap:.....	Nil
Shelf life:.....	2 years

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 products are supplied in 100% recyclable containers.

Whiteley Corporation and its staff are fully committed to ensuring that our Australian 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.

PACK SIZE: 6 X 2 Litre
 2 X 5 Litre
 15 Litre

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