

SONIDET

MEDICAL EQUIPMENT & INSTRUMENT DETERGENT

AUSTRALIAN MEDICAL DEVICE CLASS 1

ARTG No. 125529

BENEFITS

- pH neutral – safe for use on most instruments and devices
- Free rinsing and bacteriostatic
- Can be used in Manual & Ultrasonic instrument cleaning
- Suitable for environmental surface cleaning where required
- 100% recyclable packaging

SONIDET is a highly active *NEUTRAL* liquid detergent specifically designed for both machine and manual cleaning operations in the medical field. **SONIDET** is odourless, non-staining and is a safe detergent for the removal of hospital and surgical soils.

Diluted solutions of **SONIDET** are colourless. Its concentrated formula provides rapid cleaning action and effectiveness in hard and soft water.

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 theatre floors, tables, benches, etc.
- Manual cleaning of equipment such as dialysis machines
- Manual cleaning of laboratory glassware
- Manual cleaning of dental equipment

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 free from detergent residues after being cleaned.

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** is suitable for use as per AS/NZS4187 and AS/NZS4815 for neutral cleaning of medical devices.

Dilution: Fresh ready to use solution should be made daily. 5mL **SONIDET** per litre of water (50mL **SONIDET** per 10 Litre tank)

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

2. MANUAL CLEANING OF INSTRUMENTS

'Manufacturer's instructions should be strictly followed'

Dilution: Fresh ready to use solution should be made daily. 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 an instrument grade DISINFECTANT such as AIDAL PLUS, or prior to autoclaving.

3. MANUAL CLEANING OF EQUIPMENT SUCH AS DIALYSIS MACHINES

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

Dilution: Fresh ready to use solution should be made daily. 5 mL **SONIDET** per litre of water or 25 mL **SONIDET** per 5 litres of water.

4. ENVIRONMENTAL SURFACE CLEANING (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: Fresh ready to use solution should be made daily. 5 mL **SONIDET** per litre of water or 25 mL **SONIDET** per 5 litres of water.



5. 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: Fresh ready to use solution should be made daily. 5 mL **SONIDET** per litre of water or 25 mL **SONIDET** per 5 litres of water.

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
Shelf life:.....	2 years

STORAGE CONDITIONS: Store below 30°C.

SAFETY DATA: Information is listed in the Material Safety Data Sheet.

PACKSIZE: 2 x 5 Litres, 15 Litres

ENVIRONMENTAL STATEMENT

Whiteley Medical 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 Medical products are supplied in 100% recyclable containers.

Whiteley Medical 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.

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