

## What is Bionil?

BIONIL is a very concentrated quat-based sanitiser that combines a strong germ-killing action with excellent cleaning properties.

### Key Benefits

- ✓ Cleans and sanitises in one step
- ✓ Effective on a wide range of bacteria
- ✓ Perfume free and ideal for food processing areas.
- ✓ Strong enough to sanitise the most heavily contaminated surfaces.

## How Does It Work?

BIONIL is a liquid cationic detergent sanitiser with ingredients to lift and emulsify fats and oils (non-ionic surfactants), soften water and kill germs (quaternary ammonium compound). BIONIL is effective at destroying a wide range of gram-positive and gram-negative bacteria as well as moulds and fungi. It is a low-toxicity product and is stable to light and heat.

### For Use On ...

BIONIL is a concentrated food-grade cleaner and sanitiser for use in kitchens and food processing areas. It is an excellent cleaner and degreaser for general surface cleaning, sink washing of pots and pans, floor cleaning and for cleaning equipment such as filling machines, cookers, tables, non-porous cutting implements, conveyor belts and mixing pans. When washed with BIONIL these items are rendered clean and free from bacteria. BIONIL is also suitable for use in cleaning washrooms, showers, drains, animal pens, kennels and cages. BIONIL is excellent for cleaning up after floods and sewerage spills.

## Technical Data

### Properties



COLOUR – Pink transparent liquid  
ODOUR – Odourless  
pH = 11 ± 1.5  
FOAM – High, stable foam

### Dangerous Goods Classification

BIONIL is a Class 8 corrosive liquid.

UN No: 1760	CLASS: 8
PACK GROUP: 11	HAZCHEM: 2X

## Environmental Care



BIONIL conforms with all statutory environmental requirements. It is based on safe ingredients selected to perform efficiently so there is no waste or damage.

BIONIL is non-flammable and based on biodegradable

surfactants. BIONIL containers will be cleaned and reused if returned to Agar Cleaning Systems Pty Ltd, significantly reducing plastic usage and waste. They can also be recycled.

## Quality

The design, manufacture and supply of all Agar chemical products is controlled by the Agar Quality Management System which is registered and externally audited by SAI Global as complying with the requirements of AS/NZS ISO 9001 "Quality Management Systems – Requirements".

First Certified: 30 April 1996

SAI Certificate No.: QEC7358

## Application

- Do not mix BIONIL with any other chemicals.
- **Floors, walls, benches, cages:**  
Heavy soilage – use diluted to 1 in 25.  
Medium soilage – use diluted to 1 in 50.  
Mop floor with solution, leave to soak 2 minutes, scrub, mop up then rinse with clean water. Squeegee floors to speed up drying.
- **Immersion cleaning of pots, pans, utensils:**  
Use diluted to 1 in 75 and soak items for 10 minutes. Scrub then rinse product-contacting surfaces with potable water after use.
- **Sink Washing:** Presoak heavily soiled items. Dilute to 1 in 80, wash items then rinse with clean water and dry in racks.  
  
Foam Gun Application: Cover all food or remove from area before cleaning. Assemble foam gun and add neat BIONIL to bottle. Spray hot foam onto all surfaces. Allow to react for 5 minutes. Rinse all residues away with clean, cold potable water from hose.
- **Recirculation (CIP):** Dilute to 1 in 100 with water at 50° to 80°C. Recirculate for 10 to 20 minutes depending on degree of soilage. Flush with potable water to rinse.
- **Flood restoration/sewerage spills:**  
Heavy soilage – use at 1 in 25  
Medium soilage – use at 1 in 50  
Mop surface with solution, leave wet to soak for 5 minutes then mop up or hose down the area. Rinse with clean water.

Agar Cleaning Systems maintains Safety Data Sheets (SDS) on all of its products. These sheets contain information that you may need to protect your employees and customers against health or safety hazards associated with our product. Agar Cleaning Systems recommends that you obtain a copy of the respective SDS sheet prior to using this product. The information in the Product Data Sheet is based on data we believe to be reliable. It is offered in good faith, but without guarantee, as conditions and methods of use of our product are beyond our control.