

## What is Powerquat?

POWERQUAT is a concentrated and versatile sanitiser for use in food-processing and beverage plants, dairies and meat-processing works.

### Key Benefits

- ✓ Very strong and effective on gram-positive and gram-negative bacteria
- ✓ Wide applications in surface disinfection
- ✓ Effective on bacteria, mould and algae
- ✓ Odourless to suit food-processing areas
- ✓ Enables rinse-free sanitising at 1 in 150
- ✓ Solutions are non-toxic
- ✓ Safe to use on all metal food processing equipment
- ✓ Applied by foaming, fogging, spraying or soaking

### How Does It Work?

POWERQUAT is a twin-chain quaternary-ammonium-based sanitiser that has broad germ-killing capabilities. It also possesses some surface-active properties that provide some detergency and good surface-wetting characteristics.

Quaternary ammonium compounds are effective at destroying bacteria, moulds, fungi and algae. POWERQUAT is a low-toxicity product that is stable to light and heat. Its potency does not decline over time.

### For Use On...

POWERQUAT is a concentrated food-grade sanitiser for use in kitchens and food processing areas. It is an excellent sanitiser for sanitising general surfaces, pots and pans, floors, filling machines, cookers, tables, non-porous cutting implements, conveyor belts and mixing pans. When sanitised with POWERQUAT these items are rendered free from bacteria.

### Approvals

POWERQUAT has passed independent laboratory tests for biocidal performance against: *pseudomonas aeruginosa*, *staphylococcus aureus* and *Escherichia coli*. POWERQUAT achieved excellent kill rates after 5 minutes contact time. For more information, please consult your Agar representative. POWERQUAT is suitable for use in Category 6 as a Sanitiser (non-rinse) for use in all departments of establishments registered under the Export Control Act 1982 Export Meat Orders by the Australian Quarantine and Inspections Service (AQIS) for preparation of meat and meat products for export.

## Technical Data

### Properties



COLOUR – Colourless transparent liquid  
ODOUR – Odourless  
pH = 6.0 – 8.0  
FOAM – Low foam  
SOLUBILITY – Completely soluble in water

### Environmental Care

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

#### Rinse-Free Sanitising:

If POWERQUAT is diluted to 1 in 150 with water (0.66%), it is not necessary to rinse after use, just drain well. [If used stronger than 0.66%, rinsing with potable water is required.]

Before sanitising with POWERQUAT, all surfaces must be cleaned with Agar detergent such as PRESTO and then rinsed with potable water.

#### Processing Equipment:

Dilute POWERQUAT to 1 in 150 then spray or soak all cleaned surfaces with this solution. Ensure contact for at least 1 minute. Rinsing is not required for this dilution rate but treated surfaces should be adequately drained before processing operations resume.

#### Floors and Walls:

Dilute POWERQUAT to between 1 in 40-80 depending on degree of contamination. Apply solution with foamer, sprayer, cloth, mop or sponge. Prevent direct contact with foodstuffs. Leave the solution in contact with surface for at least 1 minute to kill any bacteria.

#### Drains:

Dilute to 1 in 30 with water for soaking drains.



The Chemistry of Cleaning™

# POWERQUAT

Twin Chain Quaternary Sanitiser  
for the Food Processing Industry

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Product Data Sheet

Product Code: POW

Issued: October 15, 2025

## Foot Baths:

Dilute POWERQUAT to 1 in 15-30. Discard this solution when it has become visibly soiled.

## Fogging:

Dilute POWERQUAT to 1 in 30 with water and use 1 litre of solution per 50 cubic metres of air volume.

(Please note: Fogging should only be done according to a documented procedure that safeguards the personnel and the foodstuffs in the vicinity. Rinsing will be required at this dilution rate.

## Recirculation (CIP) Sanitising:

Dilute to 1 in 30 with water at 50-80°C. Recirculate for 10 – 20 minutes depending on the degree of soilage. Flush with potable water to rinse.

## Storage

To ensure the best results when using POWERQUAT:

1. Once the product has been diluted with water, use within one month.
2. When making a new solution, always use a clean, dry container. It is good practice to discard the old solution, wash out the container, let it dry overnight then add the fresh solution to the clean, empty container.
3. Do not "top up" old solutions with new solutions as this can lead to contamination.
4. Do not mix POWERQUAT with soap or any other chemicals as this may de-activate the sanitiser.

## Disposal Information

### 1. Used solutions -

Used Solutions of POWERQUAT should be poured into a drain or trough that leads to the sewer system or a septic tank. These systems have a method for treating and breaking down the waste. Used solutions of detergent should not be poured into stormwater drains or down driveways as these drains are designed for rainwater and ultimately lead to the local river system.

### 2. Unused product

It is best to keep the product and use it up! If this is not possible, try to give it to someone who can use it. (Make sure the product is in its original, labelled container).

If there is no alternative but disposal, it is safe to pour modest quantities of this product down the drain (to sewer) with running water. Leave the cold tap running for a few moments afterwards as this dilutes the product and reduces the concentration in the wastewater.

Remember, do not mix different cleaning products together during disposal!

### 3. Empty packaging

#### Bottles and drums

Our 5L and 20L bottles and drums are made from HDPE (polyethylene) or PET which can be recycled. You can dispose of these containers via the kerbside collection program or other recycling system. POWERQUAT containers will be cleaned and reused if returned to Agar Cleaning Systems Pty Ltd, significantly reducing plastic usage and waste.

#### Cardboard cartons

Used boxes should be flattened and recycled in OCC (old, corrugated cardboard) or mixed wastepaper recycling programs.

Available in: 5L, 20L

Agar Cleaning Systems maintains Safety Data Sheets (SDS) on all 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.



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