



# QUANTUM POWDER

Contains Caustic Alkalis 780g/kg

Low foam heavy duty chlorinated alkali detergent/sanitiser  
Milking Machine and Silo Cleaner

## ALKALI



**DANGER**  
KEEP OUT OF REACH OF CHILDREN

ACUTELY TOXIC SUBSTANCE;  
CORROSIVE TO DERMAL  
TISSUE AND OCCULAR TISSUE;  
CORROSIVE TO METALS;  
ECOTOXIC IN THE AQUATIC  
ENVIRONMENT AND TO  
ANIMALS; EPA APPROVAL CODE:  
HSR002526; GROUP STANDARD:  
CLEANING PRODUCTS  
(CORROSIVE); UN NO: 1823;  
HAZCHEM CODE: 2X; PACKING  
GROUP II. MPI APPROVED FOR  
USE IN FARM DAIRIES.

FIL FREEPHONE NZ  
0508 434 569 FIL.CO.NZ

## The proven performers

Our full range of dairy  
detergents are made  
in New Zealand and  
are specially designed  
to ensure your milking  
plant is clear from  
contaminants and ready  
to perform this season.



### FIL IS HERE TO HELP

Chat to your local **FIL Area Manager** for staff training,  
plant health checks and product advice.



## QUANTUM POWDER

### DIRECTIONS FOR USE

#### MILKING PLANTS - AFTER MILKING

1. Rinse plant with a minimum of 10L of cold water per cluster.
2. Wash with hot water (85°C) containing 15g of QUANTUM POWDER per 10L of water. Recirculate for 5 minutes, then discard when water temperature drops to 55°C.
3. Wash plant with a cold water acid solution following label instructions on QUANTUM CLEAR, QUANTUM RED or QUANTUM ONE, ensuring a cold water rinse on completion.
4. Open plant and drain liquid residues.

Use compliant water only. It is recommended a QUANTUM POWDER wash be put through the milking plant a minimum of twice weekly.

#### MILK SILO

1. Rinse silo with cold water to remove milk residues.
2. Wash with hot water (85°C) containing 15g of QUANTUM POWDER per 10L of water. Recirculate for 3 - 5 minutes, then discard when water temperature drops to 55°C.
3. Wash silo with a cold water acid solution following label instructions on QUANTUM CLEAR, QUANTUM RED or QUANTUM ONE, ensuring a cold water rinse on completion.
4. Open valve and drain liquid residues.

Use compliant water only. It is recommended a QUANTUM POWDER wash be put through the milk silo a minimum of twice weekly.

### HAZARD

Harmful if swallowed, in contact with skin, or inhaled. May be corrosive to metals. Causes severe skin burns, and eye damage. May cause long lasting harmful effects to aquatic life and animals.



### PREVENTION

Keep out of reach of children; Read label and Safety Data Sheet before use; Keep only in original container; Do not breathe vapours/spray; Wash hands thoroughly after handling; Do not eat, drink or smoke when using this product; Use only outdoors or in a well-ventilated area; Avoid release to the environment; Wear protective gloves, protective clothing and eyeface protection.

### RESPONSE

If medical advice is needed, have product or label at hand. If SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately dilute with 1 glass of water or milk. Call a POISON CENTRE or doctor if you feel unwell. IF ON SKIN (or hair): Wash with plenty of soap and water. Immediately remove all contaminated clothing. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation or discomfort persists, call a POISON CENTRE or doctor. Absorb spillage to prevent material damage.



### 24 HOUR EMERGENCY RESPONSE: 0800 243 6225 (0800 CHEMCALL)

### STORAGE

Store locked up in corrosive resistant container.

### DISPOSAL

Triple rinse containers when empty. Add rinsings to use solutions. Avoid contamination of any water supply with chemical or empty container. Recycle empty container through Agrecovery (0800 247 326, www.agrecovery.co.nz). PRODUCT DISPOSAL: Adjust the pH to neutral, separate any insoluble solids or liquids and package them for hazardous waste disposal. Flush the aqueous solutions down the drain with plenty of water. The hydrolysis and neutralisation reactions may generate heat and fumes which can be controlled by the rate of addition. Keep records of date, time, quantity and location of discharge, name and address of user.



4302-081

SCAN FOR PRODUCT INFORMATION



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