

DANGER
KEEP OUT OF REACH OF CHILDREN



► HYGIENE ► ACID

QUANTUM GOLD

Contains 400g/L Phosphoric and Organic acids

High strength controlled foam acidic
detergent sanitiser

Milking Machine and Silo Cleaner

ACUTELY TOXIC SUBSTANCE; CORROSIVE TO METALS; CORROSIVE TO DERMAL TISSUE;
CORROSIVE TO OCCULAR TISSUE; ECOTOXIC IN THE AQUATIC ENVIRONMENT; ECOTOXIC
TO TERRESTRIAL VERTEBRATES. ERMA APPROVAL CODE: HSR002526. GROUP STANDARD:
CLEANING PRODUCTS (CORROSIVE). UN NO: 1805 HAZCHEM CODE: 2R. PACKING GROUP III.
AGRIQUALITY APPROVED FOR FARM DAIRIES AND DAIRY FACTORIES (CONTACT SURFACES)
H1183/B. NZFSA APPROVED FOR USE IN FARM DAIRIES.





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High strength controlled foam acidic detergent sanitiser

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DIRECTIONS FOR USE

MILKING MACHINE - Please refer to wash programme

1. After milking flush machine with a minimum of 10 litres of cold water per cluster
2. Set hot water cylinder thermostat to 85°C
3. Commence wash programme using 15mL QUANTUM GOLD in 10 litres hot water
 - Jetter system use 10 litres per cluster
 - Reverse flow use 15 litres per cluster
4. Strip and brush any inaccessible parts. Wash thoroughly with cleaning solution and reassemble
5. Prior to the next milking rinse plant with cold water using compliant water only
6. After rinsing, open plant and drain liquid residues.

MILK SILO

1. Rinse with cold water using 4% of the volume of the silo - then drain
2. Commence Silo wash programme using 15mL QUANTUM GOLD in 10 litres hot water
 - Wash volume should be 2% of the volume of the silo
 - Minimum wash volume is 120 litres
3. Dismantle and brush any inaccessible parts eg valves, doors and seals
4. Reassemble and flush with detergent
5. Prior to the next milking rinse silo with cold water using compliant water only
6. After rinsing, open valves and drain liquid residues.

ALKALINE WASH

1. Twice weekly (or more frequently if water quality or cleaning system requires it) use a hot alkaline wash of QUANTUM XL at 15mL/10L
2. Recycle for predetermined time ensuring temperature is maintained above 55°C
3. Strip and brush any inaccessible parts
4. Reassemble and wash with QUANTUM GOLD at 15mL/10L
5. Prior to next milking rinse silo with cold water using compliant water only
6. Drain liquid residues.

BARCODE

4555-002

Dangerous Goods
Class 8
Packing Group III



HAZARD STATEMENTS

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

PREVENTION STATEMENTS

Keep out of reach of children. Read label before use. Read 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 eye/face protection.

RESPONSE STATEMENTS

If medical advice is needed, have product container or label at hand. IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately dilute with 120 - 240ml of water or milk. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water. 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. Immediately call a POISON CENTRE or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

STORAGE STATEMENTS

Store locked up. Store in corrosive resistant (possibly stainless steel) container with a resistant inner liner.

DISPOSAL STATEMENTS

Dispose of empty containers safely in accordance with local regulations. Triple rinse containers when empty. Add rinsings to use solutions. Avoid contamination of natural water supplies with chemical or empty container. After cleaning, all existing labels should be removed. PRODUCT DISPOSAL: Adjust the pH to neutral with soda ash, separate any insoluble solids or liquid 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 and good ventilation.

