

DANGER
KEEP OUT OF REACH OF CHILDREN



QUANTUM RED

Contains 400g/L Phosphoric and Organic Acids
Low foam acid detergent sanitiser
Milking Machine and Silo Cleaner

ACID

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. MPI APPROVED FOR USE IN FARM DAIRIES D597.



QUANTUM RED

DIRECTIONS FOR USE

MILKING MACHINE - Please refer to wash programme

1. After milking flush machine with a minimum of 10L of cold water per cluster
2. Set hot water cylinder thermostat to 85°C
3. Commence wash programme using 15mL QUANTUM RED in 10L hot water
 - Jetter system use 10L per cluster
 - Reverse flow use 15L 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 to drain.

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 RED in 10L hot water
 - Wash volume should be 2% of the volume of the silo
 - Minimum wash volume is 120L

Quantum Red may be used at 15mL per 15L with acceptable plant conditions and water quality. For further information consult with your GEA FIL Area Manager.

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 to drain.

ALKALINE WASH

1. Twice weekly (or more frequently if water quality or cleaning system requires it) use a hot alkali wash of FIL 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 RED at 15mL/10L
5. Prior to next milking rinse silo with cold water using compliant water only
6. Open valves to drain.



Dangerous Goods Class 8,
Packing Group III

HAZARD

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

Keep out of reach of children. Read label and Safety Data Sheet before use. Keep only in original container. Do not breathe fumes/vapours. 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/eye protection/face protection.

RESPONSE

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

STORAGE

Store locked up. Store in corrosive resistant container with a resistant inner liner.

DISPOSAL

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. Recycle empty container through Agrecovery (0800 247 326, www.agrecovery.co.nz). **PRODUCT DISPOSAL:** Adjust the pH to neutral with soda ash, 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 and good ventilation.

**24 HOUR EMERGENCY RESPONSE:
0800 243 622 (0800 CHEMCALL)**



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