

# AvalKsan Gold Standard CF Wash routine for Milking Machine

## Daily HOT Circulation Cleaning

### Morning before milking:

1. Rinse plant with 14 litres of water per unit

### Morning after Milking:

2. Wash outside of clusters & jettors
3. Rinse plant as per point no.1
4. Prepare solution at a rate of 400mls of **AvalKsan Gold** in 45L of Hot Water (allowing approx. 9L of water per unit) (Solution temperature must be minimum 75°C)
5. Circulate solution through plant for 8-10 mins and run to waste
6. Rinse the plant with minimum 14L of water/unit immediately after the 8-10 min wash cycle, adding **Aval ThermoKlense** (5% Peracetic Acid) at recommended rates i.e. (50ml/50L water)

### Evening: After Milking

Repeat same wash routine as morning.

### AUTOMATED PLANT WASHERS

1. Use 400ml of **AvalKsan Gold** per 45 litres of hot water morning and evening.
2. For optimum results, use hot water at a minimum temp 75°C. In hard water areas, increase dosage of **AvalKsan Gold** to 425ml per 45 litres of water.
3. Alternate by using **Aval Platinum Descaler** (Acid Descaler) every second day at a rate of 400ml per 45L of hot water at minimum temp 75°C, both morning and evening.



Available:  
25L, 205L, 1000L



Available:  
25L, 205L, 1000L



Available:  
10L, 20L, 205L

# AvalKsan Gold Standard CF

## Wash routine for Bulk Milk Tanks

### - Wash Routine 1 -

#### Suitable for:

- Manual
- Semi-Automatic (Detergent Bowl Fitted)
- Automatic Dosing (2-3 Dosing Pumps Fitted)

**N.B. Where automatic dosing of detergents is fitted, please ensure dosage of detergent/acid descaler is calibrated properly by the Refrigeration Engineer at a rate of 400mls/45L hot water at minimum temperature 75°C.**

1. For hot circulation cleaning ensure that the refrigeration system is turned off and that the washer is connected to the tank outlet.
2. Where detergent dosing bowl is fitted, pour 400ml of **AvalKsan Gold** per 45 litres of hot water into the detergent bowl and attach bowl to the water box of the automatic washer.
3. Switch on automatic washer to begin wash programme in accordance with the manufacturer's instructions.
4. Alternate **AvalKsan Gold Standard CF** with **Aval Platinum Descaler** every 3rd wash at recommended rates as per ready reckoner. i.e. 2x **AvalKsan Gold Standard CF** washes followed by 1 **Aval Platinum Descaler** wash. (Repeat Cycle).

#### Automatic Dosing Only

### - Wash Routine 2 -

1. Where 3 dosing pumps are fitted, follow Wash Routine 1 Steps 1-4.
2. **Aval ThermoKlense** (5% Peracetic Acid) can be added in the final rinse at a rate of 50ml/50L water.

Bulk Tank Size in Litres	AvalKsan Gold Standard CF Dosage Unit-mls	Aval Platinum Descaler Dosage Unit-mls
3000	275	275
4000	365	365
5000	450	450
6000	535	535
7000	625	625
8000	710	710
9000	800	800
10000	890	890