

# OPTICARE

## Cleaning Program

### CLEANING PROGRAM

Sanitation is another key factor in successfully implementing any liquid feeding program. Apart from overall high hygiene, it should be stressed that feeders must be rinsed daily and thoroughly cleaned and disinfected.

It is strongly recommended that a fresh solution be prepared every day, even though some mixes may stay in good suspension for two to three days.

### CLEANING PROTOCOL OPTICARE MILK SYSTEMS

The system must be cleaned twice per week. Some farms can work with cleaning only once a week but for feed quality, feed intake and piglet growth rates it's better to clean twice per week.

### FOLLOW THE STEPS

- 1** Clean the system with warm water (40 degrees Celsius).
  - Flush for about 10 minutes.
- 2** Clean the system with hot water (minimum 70 degrees Celsius at the return water) including the detergent (dairy farm product).
  - Flush for about 15 minutes.
  - The first hot water can be dirty don't let this come back into the tank.
  - Don't forget to clean the mixing tank. Use a broom.
  - Use 20 litre extra water above the content of the line that you clean.
- 3** The dairy farm detergents are normally alkaline products and based on Sodium.

Hypochlorite and Potassium Hydroxide or NaOH 1%.

- Important is that the pH level is 12,0 or higher.
- It is recommended to measure the pH level.
- Use the dose that is mentioned on the label of the product you use.
- There are good experiences with a product from Schippers Bladel (MS Sys Clean Alk 23 kg (NL12872).

- 4** Flush the system with warm clean water (40 degrees Celsius).
  - Flush for about 10 minutes.

After this cleaning procedure is finished you can prepare fresh Opticare Milk or Opticare PreShake according to the normal procedure.

### ADDITIONAL CLEANING INSTRUCTIONS

- 1** When the system is being cleaned place the stoppers on the nipples.
- 2** If air pumps are being used, the pressure can be increased from the normal 2 bar to about 4 bar.
- 3** Daily cleaning of the mixer include cleaning the lid with warm water.
- 4** The system should be more or less empty in the morning.
- 5** Mix the milk as less as possible (2 seconds in two hours can already be enough).