Derma®

A SOLUTION TO ACHIEVE CLEAN TEATS PRIOR TO ATTACHING MILKING EQUIPMENT

Udder hygiene:

- obtain high quality milk
- Prevention of udder pathogens

3 types of pathogens:

- Environmental pathogens (E. coli)
  - location found: housing environment
- Contagious udder pathogens (S. aureus)
  - location found: teat skin
- Mixed pathogens (S. uberis)

In most cases, Pathogens = Bacteria

Bacteria can grow in:

- Wet environments: bacteria require water to multiply (chemical reactions)
- Dirty environment: bacteria use the materials to feed

What problems do you have on your farm?

- Cell count in tank
- % Average clinical cases over the year
- Model

Cleanliness

- Udder

- +

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- The main objective is to eliminate physically and mechanically germs (often environmental germs) already present on the teats before connecting to the clusters.
- Effective cleaning will prevent these germs from contaminating the sleeves, milk and the teats during milking.
- Associated with this physical elimination applying a disinfectant can move towards optimum results.
- Manually draw the first milk to identify possible clinical mastitis.

Your priority before milking:

- wipe the teats

Contrary to popular belief, applying these good hygiene practices before milking saves up to 20% less time, compared to a lack of hygiene before milking practices.

Indeed, the preparation of the udder stimulates the release of oxytocin, a hormone that allows the release of the milk.

DermaCloth®

- The “Classic”
  - Made of premium cotton weave ensures its robustness.
  - Large size to allow comfort when wiping.
  - Size / Weight of the cloth: 28x32cm / 40g

DermaCloth®

- White
  - Range of professional cloths for cleaning the cows teats before milking.
  - Designed for cleaning teats.
  - Easy to clean and disinfect in a bucket or in a washing machine.

DermaCloth®

- The “Featherweight”
  - Unique combination of a honeycomb structure and a nonwoven technology, which guarantees a superior cleaning of soil and efficient absorption.
  - Its weight allows minimal use of detergent after each use and is quick drying.
  - Size / Weight of the cloth: 32x34cm / 10g

DermaCloth®

- Grey
  - Following the latest microfibre technology, designed specifically for wiping teats, DermaCloth Grey combines softness, strength and powerful mechanical action.
  - It surpasses all other cloths in terms of udder hygiene.
  - Size / Weight of the cloth: 30x30cm / 35g

DermaWipes®

- The “Pre-impregnated”
  - Ready to use.
  - By design, its network and its formulation ensures optimum hygienic conditions before use.
  - Formulated to effectively remove soil.
  - Rich in Glycerin and Aloe Vera, DermaWipes respects the skin and leaves it soft and supple.
What method?

**Objective**: To clean the teats

1. Wipe teats with a cloth impregnated with a solution containing soap

   **Actions**
   - Remove the pathogenic microorganisms from the cow’s teats.
   - Stimulate the udder.

**Advantages of the method**
- Efficient: excellent cleaning fibres which increase the contact area with teat skin to remove dirt effectively.
- Economic: does not require waste management.
- Flexible: compatible with all practices (dry, wet and foam).
- Evolutionary: opportunity to improve hygiene using a soap.
- Comfort: respect for the lactic flora and the skin, not QAC *, no cross-contamination.

**Good practices**
- 1 cloth per dairy cow to limit cross-contamination.
- 40 cloths per 10-litres bucket of water.
- Use different buckets for clean cloths and dirty cloths.
- Wear gloves.
- Improve the efficiency of wiping using a soap.

**Product qualities: the power is in the formulation**

Natural Soap obtained by cold saponification, reinforced by anionic surfactants and non-ionic, DermaLotion® thus improves the mechanical action the cloth.

Rich in cosmetic agents, DermaLotion® softens the teat skin and milker’s hands.

**Preparation**

Impregnating cloths previously cleaned and disinfected with a DermaLotion at a solution of 0.25% to 0.5% in hot water

(25 ml to 50 ml of DermaLotion® per 10L of water for 40 cloths).
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Product qualities:
the power is in the formulation

DermaLotion® contains peracetic acid, a notified biocidal active substance for the disinfection of textiles.

Active oxygen-rich and cleaning agents, DermaLotion® ensures perfect cleaning of the cloths to their initial state. Using at 40°C or 60°C can save money on electricity and the life of cloths.

Effective hygiene biocidal product on:
Bacteria:
- Pseudomonas aeruginosa
- Escherichia coli
- Staphylococcus aureus
- Enterococcus hirae
- Strains of butyric spores

Yeast:
- Candida albicans

Virus:
- Bovine Parvovirus

What method?
Objective: To clean and disinfect cloths

1. Add the biocidal product into the washing machine

Actions
- Cleaning
- Disinfection

Advantages
- Very effective: disinfection and cleaning due to contact time, temperature, and the mechanical action of the washing machine that maximises the effectiveness of the product.
- Quick: start the wash cycle 40-60 °C, the cloths are ready to use for the next milking.

Good practices:
- Depending on the level of soiling and hardness of the water use between 20g and 35g of DermaPerfect per kg of cloths.
- Start a wash cycle at 40°C to a maximum 60°C depending on the desired degree of disinfection required.
- Pre-cleaning is not required.

Product qualities:
the power is in the formulation

DermaPerfect® contains peracetic acid, a notified biocidal active substance for the disinfection of textiles.

Active oxygen-rich and cleaning agents, DermaPerfect® ensures perfect cleaning of the cloths to their initial state. Using at 40°C or 60°C can save money on electricity and the life of cloths.
DISINFECTION IN BUCKET

DermaSoft® & DermaPowder®

What method?

Objective: To clean and disinfect cloths

1. Add the biocidal product in the bucket
   Actions
   • Cleaning
   • Disinfection

Advantages of the method
• Efficient: effective disinfection and cleaning.
• Simple: no investment, only a bucket required.

Good practices
• After milking, rinse cloths before putting them in a bucket.
• Use 50g DermaPowder or 1/2 cup Dermasoft per 40 cloths in one 10-litre bucket of hot water.
• Before the next milking, transfer the cloths into a bucket of warm water.

Product qualities: the power is in the formulation

DermaSoft® contains a notified biocidal active substance for the disinfection of textiles.

DermaSoft® has an important detergent capacity ensuring efficient cleaning of cloths.

DermaPowder® contains peracetic acid, a notified biocidal active substance for the disinfection of textiles.

Rich in surfactant, DermaPowder® ensures efficient cleaning. Releasing free oxygen it eliminates the organic material and whitens the cloths rapidly.

Effective hygiene biocidal product on:
Bacteria:
Pseudomonas aeruginosa
Escherichia coli
Staphylococcus aureus
Enterococcus hirae

Strains of butyric spores
UDDERCLOTHS DERMA

Range of professional cloths for cleaning the cows teats before milking

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- Easy to clean and disinfect in a bucket or in a washing machine

**DermaCloth® White**

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  - Large size to allow comfort when wiping.
  - Size / Weight of the cloth: 28x32cm / 40g

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<tr>
<th>Cell count in tank</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Above 300</td>
<td>Greater than 25%</td>
<td>Mixed</td>
</tr>
<tr>
<td></td>
<td>Less than 25%</td>
<td>Contagious</td>
</tr>
<tr>
<td>Below 300</td>
<td>Greater than 25%</td>
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