

DETERGENTS LINE

THE BEST PREVENTION
AND CLEANING THAT YOU CAN REACH



MILKLINE®

MILKLINE®



CLEANLINE

Washing and sanitisation of the milking plant are essential to obtain premium quality milk. All equipment that comes in contact with milk must be sanitised at the end of every milking cycle.

MilkClean Alka



Chloro-active, non-foaming, alkaline sanitiser with sodium hypochlorite. Indicated for recirculation or manual washing with sponges and brushes to remove protein substances, fats, starch, organic residue in a broad sense, and for sanitisation of all washable surfaces. The presence of organic sequestering additives makes the product also suitable for use with hard water.



Code: 0300912



Code: 0300914

DID YOU KNOW THAT...

It is mandatory to wash the plant soon after every milking cycle. Alkaline-based products have an excellent cleansing action against fats, proteins and starch. Alkaline cleansing must be performed every day after every milking cycle.

MilkClean Alka Pro



Strong alkaline, low foaming sanitising liquid indicated for removing organic residue from recirculation washing systems. Easily removes protein substances, fats, starch and organic residue in a broad sense. The presence of organic sequestering additives makes the product also suitable for use with hard water through inhibition of the precipitation of salts that cause water hardness. The properties make the weekly descaling procedure unnecessary, as it can be performed occasionally or when required.



Code: 0300962



Code: 0300964

DID YOU KNOW THAT...

- *Liners must be periodically replaced (800 – 1,000 hours of work, including washing, without ever exceeding the year).*
- *Using a non-specific product to wash the plant might reduce the useful life of liners by up to 50%.*



MilkClean Acid



Non-foaming acid detergent with powerful descaling action. Particularly indicated to remove organic and mixed residual substances (milk stone) during recirculation or manual washing.

25 Kg Code: 0301172

220 Kg Code: 0301174

DID YOU KNOW THAT...

Acid-based products are known as descaling agents because they remove calcium residue (milk stone) and their efficiency depends on the hardness of the water in use:

- soft water (< 20° dH: use the acid product twice a week)
- hard water (> 20° dH: use the acid product once a day).

MilkClean Tract



Foaming alkaline detergent for washing and pre-washing farming equipment. The remarkable dispersing and anti-redepositing properties ensure impeccable cleanliness of surfaces. Also applicable with low and high pressure washers.

20 Kg Code: 0301238

200 Kg On request

DID YOU KNOW THAT...

Water temperature is essential for cleaning efficiency. The washing process must only be performed with drinking water, and in compliance with the following procedure:

1. prewash with cold or warm water (30-35 °C) to remove most of the residual substance left by milk (do not use warm water that might coagulate milk proteins, contributing to the formation of milk stone) without recirculation;
2. wash with detergent and disinfectant, with recirculation to be performed at the recommended temperature for the product used;
3. rinse to remove all residual detergents and disinfectants; warm water without recirculation is recommended.

MilkClean Farm



Foaming alkaline detergent based on active chlorine and surfactants. Indicated for thorough cleaning and hygiene of surfaces, floors, walls, plants and equipment. The rich foam ensures prolonged contact time, and allows active chlorine to perform its oxidising and disinfecting action, besides actively removing stubborn deposits.

20 Kg Code: 0301236

200 Kg On request



PRE-MILKING

There are three objectives to be achieved during the pre-Milking phases: guarantee the hygiene of the milking cycle, clinically identify the animals and stimulate the milk ejection reflex.

It is necessary to allow about 60-90 seconds to elapse from the start of teat preparation to attachment of the milking unit. This will optimise milk flow speed, thus increasing productivity and improving milking performance.

MilkTeat Foam



Foaming sanitising liquid with chlorhexidine combined with softening and toning substances. MILKTEAT FOAM is a specific solution for udder hygiene prior to milking.

It cleanses and sanitises the udder, making the subsequent milking phase safe from a hygiene and sanitary standpoint.

Ongoing use of MILKTEAT FOAM combined with good management practices of the stall effectively reduces the incidence of environmental and contagious mastitis, improving the bacteriological quality of milk.



Code: 0301262



Code: 0301264

DID YOU KNOW THAT...

Correct stimulation of the udder increases blood levels of oxytocin. The increased blood levels of oxytocin and its transport to the udder induce the contraction of myoepithelial cells (involuntary smooth muscles that fully cover every alveolus like a basket mesh) with subsequent ejection of alveolar milk into the principal ducts and cistern, from which it can be removed by milking. The action of oxytocin on alveolar myoepithelial cells has a limited duration; hence, the importance of starting the milking process within 1 minute after stimulation. Dipping the teat into the detergent solution for at least 30 seconds "generally suffices" as a stimulus to trigger the oxytocin-releasing reflex.

MilkTeat Complete



Sanitising liquid based on chlorhexidine combined with softening, dermo-protective and re-epithelising substances.

MILKTEAT COMPLETE can be used for udder hygiene both before and after milking. The presence of softening and dermo-protective components prevents reddening and chapping of the teats.



Code: 0301240



Code: 0301242

DID YOU KNOW THAT...

Cows fed one and a half hours before milking produce more oxytocin, the hormone that triggers ejection of milk.



POST-MILKING

Post-milking disinfection is essential when the cows are detached from the unit. The process is crucial for preventing udder infections: applying a suitable disinfectant on the entire surface of the teat is the most efficient method to cut down the bacterial load on the skin and to reduce penetration of pathogens into the breast through the teat canal, which remains open for at least half an hour after milking. This time lapse allows environmental bacteria to successfully penetrate the physical defences of the udder with the subsequent development of an inflammatory process.

MilkTeat Clorex



Ready to use medium viscosity sanitising liquid for post-milking treatment. MILKTEAT CLOREX is a solution based on chlorhexidine combined with softening, dampening, soothing and moisturising substances that prevent reddening and chapping of the skin. MILKTEAT CLOREX creates an effective barrier that physically and chemically protects the teat between milking cycles.



Code: 0301255



Code: 0301256

DID YOU KNOW THAT...

Disinfection of the teat and correct conditioning of the skin, along with good breeding practices, can increase the production of milk with a subsequent rise in profits that more than cover the costs of disinfection.

MilkTeat Defender



Udder sanitising agent with elementary iodine and lactic acid combined with softening substances that prevent reddening and chapping of the skin.

MILKTEAT DEFENDER sanitises and protects the teats, reducing the bacterial load, which is the principal cause of udder infections.

MILKTEAT DEFENDER is a ready to use dark brown viscous solution for post-milking sanitising dipping treatment.



Code: 0301257



Code: 0301258



MilkTeat Defender Pro



Iodine-bearing dermo-protective sanitising agent for post-milking treatments. The product's particular formulation considerably reduces the bacterial load without impairing skin breathability.

The presence of softening active substances (i.e. glycerine and lanolin) prevents reddening and chapping of the teats. MILKTEAT DEFENDER PRO is a ready to use dark brown viscous solution for post-milking sanitising dipping treatment.



Code: 0301301



Code: 0301302

DID YOU KNOW THAT...

The estimated persistence of the disinfectant is about one hour. The active substance inhibits bacterial contamination during that period. The efficiency of this action is enhanced by reducing exposure of the cows to bacteria.

Hence, it is good practice to leave the cows standing after the milking cycle, placing watering troughs at the exit of the parlour and ensuring direct access to the feeding area.



MilkCare Foot Pro



Foot solution based on glutaric aldehyde combined with copper and zinc sulphate. This mixture of several active ingredients has a powerful action against gram+ and gram- bacteria, fungi, spores and viruses. MILKCARE FOOT PRO is intended for preventive/curative use for hoof problems.

20 Kg

Code: 0301316

200Kg

Code: 0301317

DID YOU KNOW THAT...

Hoof problems are the third cause of economic loss in dairy farms, after mastitis and infertility. Hoof diseases are a growing and pressing problem in modern dairy farms. Their negative effects concern several aspects of cattle breeding; it must especially be said that subjects with hoof diseases:

- *present a reduction in milk production*
- *easily lose weight*
- *pend less time in the manger (reduced intake of food)*
- *consume poor quality rations; in fact, healthy cows eat first, choosing their food*
- *present more complicated conditions when they are in heat and, in a broad sense, poor reproductive indexes.*

One of the predisposing factors for hoof problems and limping is organic pollution of the hoof; cows are often forced to stand for hours on their excrement or on bedding that is not regularly cleaned.

MilkCare Mani



Detergent with chlorhexidine formulated to control the bacterial load and guarantee a high degree of hygiene.

The special formula ensures powerful sanitisation, guaranteeing excellent cleansing of hands, leaving them soft and moisturised.

5 Kg

(4 pcs.) Code: 0301315

DID YOU KNOW THAT...

The milker's hands are the principal source of transmission of pathogens. To prevent risks of udder contamination, it is essential to thoroughly wash hands before starting the milking process. The use of rubber or latex gloves is recommended.

A COMPARISON OF DETERGENTS

OPERATION	PRODUCT	CHARACTERISTICS	USE	SIZE	DOSAGE
PRE-DIPPING	MilkTeat Foam	Foaming sanitising liquid detergent with chlorhexidine (2500 ppm)	pre-dipping (FOAM)	20-200 Kg.	undiluted
	MilkTeat Complete	Sanitising liquid detergent with chlorhexidine (5000 ppm)	pre-dipping (SPRAY)	20-200 Kg.	undiluted
POST-DIPPING	MilkTeat Defender	Film-forming viscous sanitising agent with iodine (2500 ppm) and lactic acid	post-dipping (FILM-FORMING)	120-200 Kg.	undiluted
	MilkTeat Defender Pro	Film-forming viscous sanitising agent with iodine (3300 ppm)	post-dipping (FILM-FORMING)	20-200 Kg.	undiluted
	MilkTeat Clorex	Film-forming viscous sanitising agent with chlorhexidine digluconate (20%)	post-dipping (FILM-FORMING)	20-200 Kg.	undiluted
	MilkTeat Complete	Sanitising liquid detergent with chlorhexidine (5000 ppm)	post-dipping (SPRAY)	20-200 Kg.	undiluted
DAILY CLEANSING OF PLANT (alkaline)	MilkClean Alka	Chloro-active liquid detergent for daily use (active chlorine min. 6%)	CIP plants and equipment	25-220 Kg.	0,5-1,5%
	MilkClean Alka Pro	Chloro-active liquid detergent for daily use	CIP plants and equipment	25-220 Kg.	0,5-2,0%
WEEKLY CLEANSING OF PLANT (acid)	MilkClean Acid	Non-foaming, acid, liquid detergent for weekly use	CIP plants and equipment	25-220 Kg.	0,5-3%
ENVIRONMENTAL SANITISATION	MilkClean Farm	Foaming, chloro-active liquid detergent (active chlorine min. 2.5%)	walls, floors, equipment, etc.	20-200 Kg.	1-5%
SANITISATION OF FARMING EQUIPMENT	MilkClean Tract	Foaming, alkaline liquid detergent	Farming equipment	20-200 Kg.	1 L every 25-30 L
PREVENTION AND CARE OF HOOF DISEASES	MilkCare Foot Pro	Hoof sanitising liquid with glutaric aldehyde, copper and zinc sulphate	Hoof baths	20-200 Kg.	2-5%
HAND CLEANSING	MilkCare Mani	Sanitising liquid cleanser with chlorhexidine	Arms and hands	4 pcs. 5 kg each	undiluted

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Information contained in this handout is not binding, and may be subjected to change without prior warning.
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