

EVANS VANODINE DAIRY HYGIENE



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INTRODUCTION

An effective hygiene programme is essential in the modern dairy farm, to aid the production of quality milk and meet the highest standards of livestock protection.

Mastitis, an inflammation of the udder, is caused by a microbial infection, leading to increased numbers of somatic cells and bacteria in milk. Prevention of Mastitis is vital in maximising the quantity and quality of milk produced.

Mastitis causing micro-organisms are transmitted between cows during milking and in housing. To prevent this transmission of bacteria, a system must be in place which focuses on the cow's environment; protecting the teats and milking machinery.

Pre-milking, teats must be cleaned and disinfected to remove organic soiling and micro-organisms.

Post-milking, teats must be dipped or sprayed immediately, with a teat disinfectant which has the capacity to kill mastitis pathogens whilst ensuring good teat condition.

When cleaning machinery after milking, all residues must be removed to prevent the growth of bacteria which can lead to future milk contamination. Products used must remove protein and fat whilst aiming to control the build-up of milkstone.

The implementation of an effective hygiene programme with good machine maintenance, in addition to accurate mastitis records and dry cow therapy, has been demonstrated to reduce incidences of mastitis.



TEAT CARE PRODUCTS

PRE-DIP™ Iodophor pre-dip and spray



1000 l
25 l 200 l

- Authorised Biocide.
- Passes EN* 1656 within 15 seconds.
- Ready-to-use, pre-milking dip or spray.
- Designed specifically for teat disinfection.
- Contains 1,000ppm iodine.
- Reduces teat contamination; resulting in lower bacteria levels.

EVAFOAM™ Pre/post-milking teat disinfectant



25 l 200 l

- Passes EN 1656; tested against common mastitis causing pathogens.
- Can be used as a dip, spray or foam.
- Contains the biocides chlorhexidine gluconate and lactic acid.
- Contains allantoin and glycerol to help smooth and soften the skin.

PRE-POST GOLD™ Pre and post teat disinfectant



200 l 1000 l

- Authorised Biocide.
- Passes EN 1656; provides protection against environmental bacteria.
- Ready-to-use, highly visible teat dip or spray.
- Fast-acting halogen complex.
- High levels of emollients to help soften the skin.

PRO-TEC™ 1:3 Concentrate conditioning teat dip



1000 l
25 l 200 l

- Authorised Biocide.
- Concentrated, dual halogen pre/post milking teat disinfectant.
- Effective against a wide range of mastitis causing organisms.
- Bactericidal action; passes EN 1656.
- Highly visible, dark brown formulation.

MASODINE®1:3 General use teat dip/spray



1000 l
25 l 200 l

- Authorised medicinal product.
- Concentrated iodophor teat dip/spray.
- Contains 5% emollient when diluted; helps to prevent sore teats.
- Very effective against all mastitis causing bacteria.

MASOCARE® High emollient teat dip/spray



1000 l
25 l 200 l

- Authorised medicinal product.
- 10% emollients for good teat condition.
- Reduces the risk of infection.
- Ready to use formulation; ideal where measurement and mixing are likely to prove inconvenient.

MASOCARE®1:4 High emollient teat dip/spray



200 l
5 l 20 l

- Authorised medicinal product.
- Concentrated teat dip/spray.
- Helps prevent teat cracking and soreness.
- Economical; 20 L makes 100 L ready to use solution.
- Effective in the control of mastitis in adverse weather conditions.

MASOCARE® EXTRA Ultra high emollient teat dip/spray



1000 l
25 l 200 l

- Authorised medicinal product.
- Ultra high levels of emollient - 12%.
- Offers protection in severe weather conditions.
- Can also help with the recovery of an injured teat.

VISQODIP™ Thickened teat dip



25 l 200 l

- Authorised biocide.
- Authorised medicinal product.
- Unique thickened formulation.
- Passes EN 1656.
- Highly visible and non-drip; extends contact time of disinfectant.
- Contains 9% glycerol and sorbitol.
- Effective in the control of mastitis.

MASOFILM® Barrier disinfectant



25 l 200 l

- Authorised biocide.
- Passes EN 1656.
- Ready to use barrier film.
- Excellent film-forming properties.
- Teat end protection in between milkings.
- High levels of emollients - 10%.
- Helps prevent environmental mastitis.

CONTACT™ Iodophor pre/post teat disinfectant



1000 l
25 l 200 l

- Authorised Biocide.
- Ready-to-use teat dip/spray.
- Dual halogen complex.
- Rapid bactericidal action; Passes EN 1656.
- Sprayable, thickened formulation.
- Intense dark brown colour allows quick and easy identification of dipped or sprayed animals.

ALLANTOCARE™ Conditioning teat disinfectant



1000 l
25 l 200 l

- Authorised Biocide.
- Ready-to-use pre/post teat disinfectant.
- Dual halogen complex
- Rapid bactericidal action; Passes EN 1656.
- Contains allantoin; helps soothe and soften the skin, reducing cracks and crevices where bacteria may multiply.

LACT-8™

Chlorhexidine gluconate and lactic acid



25 l 200 l

- Easy to use, long lasting barrier film.
- Highly visible pink colour to indicate which animals have been dipped.
- The high levels of glycerin and allantoin help to soothe and soften the skin, reducing cracks and crevices where bacteria may multiply.
- Bactericidal action; passes EN 1656.

FOUR SEASONS MASODIP® Teat disinfectant



1000 l
25 l 200 l

- Formulated with chlorhexidine gluconate and lactic acid.
- Bactericidal action; passes EN 1656.
- Ready-to-use formulation; ideal where measurement and mixing are likely to prove inconvenient.
- Suitable for use as a dip or spray.
- Contains 10% glycerol for good skin conditioning.

MASOMINT™

Chlorhexidine gluconate and lactic acid



1000 l
25 l 200 l

- Effective against mastitis causing organisms.
- Passes EN 1656.
- Fresh mint odour.
- Contains L-menthol to soothe and calm the skin.
- Specially selected mild surfactant.
- Highly-visible dark-blue colour.

SUPA-MAX™

Chlorhexidine gluconate and lactic acid



25 l 200 l

- Ready-to-use teat dip/spray.
- Rapid bactericidal action; Passes EN 1656.
- Long lasting, dark blue colour.
- Produces a durable, pre-milking routine foam.
- Ideal for pre and post milking
- Formulated to balance the pH of the skin.



CIRCULATION CLEANING

VANOSAN®

Chlorinated pipeline/DX tank cleaner



1000 l
25 l 200 l

- Strong caustic/chlorine based formulation.
- De-fats, cleans, suspends and carries soil away.
- May be used as part of an acid/alkali wash programme.
- Suitable for use in robotic parlours.

VANORINSE®

Chlorinated pipeline sanitiser



1000 l
25 l 200 l

- Mixes easily, is non-foaming and rinses freely.
- De-fats and protects rubbers.
- Economical in use, effective in all water conditions.

METRON® / CRYSTAL™

Powder circulation cleaner

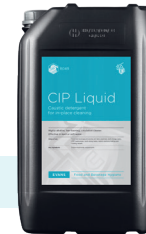


20 kg

- Chlorinated, caustic powder.
- Contains sodium hydroxide.
- Effective sequestrant system for all water hardnesses.
- Metron® contains metasilicate for better fat removal.

CIP LIQUID

Chlorine free caustic based detergent



25 l 200 l

- Highly alkaline, low foam cleaner.
- Removes fats, oils and protein deposits.
- May be used in single stage or multi-stage CIP process.
- For a wide range of applications including robotic milking systems.

COLDWASH

Circulation cleaner



25 kg

- Highly caustic; for manual or cold water circulation systems.
- Quick dissolving, non-foaming cleaner.
- Mixes easily and is free rinsing.
- Can be used in hot or cold and hard or soft water conditions.

EVANS HYPOCHLORITE

Chlorine based disinfectant



200 l
5 l 25 l

- Fast bactericidal action.
- For routine disinfection of milking parlours, pipelines, utensils and general cleaned surfaces.
- Use in the final rinse of in-place disinfection programmes.

FILTER CLEANER

Filter cleaner



10 l

- Formulated as a strong cleaner for re-usable, in-line milk filters.
- For the prevention and removal of protein and milkstone deposits.
- Added softeners for hard water areas.
- Efficient caustic based cleaner.
- Simple 1:1 usage ratio.

ROBO ALKALI

For robotic systems



25 l

- Highly alkaline cleaner for use with robotic milking equipment.
- Removes fats, oils and protein deposits.
- Low foaming and rinses away easily.
- Chlorine free.
- Use in conjunction with Robo Acid as part of an acid/alkali wash programme.

GP ACID™

Milkstone remover/descaler



200 l
5 l 25 l

- Fast acting acid-based descaler.
- Prevents milkstone build-up.
- For pipelines, equipment and bulk tanks.
- Low foaming and quick rinsing.
- Suitable for parlour wash routine.

MULTI-ACID™

Blended acid detergent/descaler



1000 l
25 l 200 l

- Nitric and phosphoric acid blend to provide a synergistic action.
- Rapid, effective scale removal.
- Effective in ABW plants.
- Economical night wash.

ACID-BRITE™

Concentrated dairy plant acid cleaner



25 l 200 l

- For cleaning and descaling all types of bulk tanks and dairy equipment.
- Removes cream line and milkstone in tanks, reducing the need for manual cleaning.
- Organic acid; gentle on substrates, strong on milk scales.
- Surfactant assisted acid.
- May be used hot or cold in all types of water hardness.

ROBO ACID

For robotic systems



25 l

- Highly acidic cleaner for use with robotic milking equipment.
- The high strength phosphoric acid solution maximises cleaning results.
- Removes milkstone and scale deposits.
- Low foaming and quick rinsing.
- Suitable for all water types.
- Use in conjunction with Robo Alkali as part of an acid/alkali wash programme.

ADDITIONAL PRODUCTS



PERADOX™ Peracetic acid based disinfectant



1000 kg
25 kg 200 kg

- Passes EN* 1656 within 15 seconds.
- Formulated for disinfecting drinking water pipes and tanks.
- Removes biofilm.
- Fast acting, economical in use.
- A clear, colourless liquid terminal disinfectant.
- Suitable for use in all water types.

FAM® 30 Iodophor disinfectant; BPR Approved



1000 l
25 l 200 l

- Authorised Biocide.
- Passes EN 1656, EN 1657, EN 14349 and EN 14675.
- Bactericidal, virucidal and yeasticidal.
- Active in the presence of organic matter.
- Biodegradable and stable.

SHIFT Heavy duty power wash liquid



1000 l
25 l 200 l

- Heavy duty, detergent cleaner.
- Can be applied as a foam.
- Rapidly penetrates and removes organic soiling.
- Suitable for cleaning buildings, vehicles and equipment.
- For use with pressure washers.

TARGET™ Alkaline foam cleaner



25 l

- Foam cleaner for livestock housing.
- For rapid removal of organic soil.
- Increased surface contact time gives excellent organic soil penetration.
- Suitable for all types of livestock housing.
- Ideal for all types of pressure washers.
- Use with a suitable foaming lance.
- Ideal for use with Evans Parlour Pro foaming unit.

CLEANSAN™ Detergent for cluster flush systems



25 l

- Detergent for cluster flush and teat-brush systems.
- Concentrated, QAC-free detergent.
- Effectively cleans clusters between each animal.
- Formulated without peracetic acid; less corrosion.
- Highly effective at cleaning teats through teat-brush systems.

TRIDENT Manual sanitising powder



5kg
500g

- For manual cleaning and sanitising of stainless steel bulk milk tanks, dairy utensils and equipment.
- Provides over 10,000ppm available chlorine to ensure adequate strength.
- Free flowing, non-abrasive blue powder which mixes readily into a paste.
- Economical in use.

HANDSAN™ 70% alcohol-based hand disinfectant



500ml

- Authorised Biocide.
- Bactericidal, virucidal and yeasticidal.
- Passes EN 1500, EN 13727 and EN 1276 with a 30 second contact time.
- Passes EN 14476 against enveloped viruses, including Coronavirus, with a 1 minute contact time.
- Added moisturiser to protect skin.
- Evaporates without leaving a residue.
- Ideal for use where soap and water are not readily available.



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AUTHORISED BIOCIDES:

Allantocare™	UK-2019-1187-4-0001
Contact™	UK-2019-1187-4-0004
Fam® 30	UK-2019-1179-02
Handsan™	UK-2019-1195-0001
Masofilm®	UK-2019-1187-3-0001
Pre-Dip™	UK-2019-1187-1-0001
Pre-Post Gold™	UK-2019-1187-4-0002
Pro-tec™ 1:3	UK-2019-1187-6a-0001
PV Pro®	UK-2019-1187-2-0001
Visqodip™	UK-2019-1187-3-0003

AUTHORISED MEDICINE (VMD):

Masocare®	03940/4010
Masocare® 1:4	03940/4053
Masocare® Extra	03940/4085
Masodine® 1:3	03940/4006
Visqodip™	03940/4066

FAM® 30 is authorised under The European Biocidal Products Regulation for specific uses at a dilution of 1:100.

In the UK **FAM® 30** is approved by DEFRA under The Diseases of Animals Act for use in the event of a notifiable disease outbreak at the following dilutions:

Diseases of Poultry order	1:100
Foot and Mouth order	1:550
General orders	1:49
Swine Vesicular order	1:100
Tuberculosis order	1:20



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