

IS YOUR TEAT CARE PRODUCT UP TO SCRATCH?



At Evans Vanodine we have a range of teat care products which are formulated to reduce mastitis causing pathogens to safe levels and ensure good teat condition. This in turn leads to improved milk quality, higher yields, and more profitability for the farmer.

We are proud that our products meet all relevant industry standards, meaning you can trust that you are using high quality, thoroughly tested products, backed by rigorous development and quality control procedures. Understanding which products fall into each category will ensure that you are able to choose the right product for your particular situation.

Teat Dips are regulated by two different regulatory systems in the UK: Veterinary Medicines and Biocidal Products.

Veterinary Medicine Products

Only a product authorised as a Veterinary Medicine can make a claim regarding a disease. Our range of authorised teat dips are officially recognised as effective in the control of mastitis.

Iodine based Veterinary Medicine products are typically authorised at 5000ppm or greater to ensure that they are effective in all conditions, especially on dirty teats and with a short contact time. The high active content also helps where concentrate products are diluted on farm with water that may not be sufficiently clean so the active is not all wasted on removing bacteria from the water.

The manufacture of Veterinary Medicine products is controlled by GMP [Good Manufacturing Practices] rules. This system is used to control all animal and human drug production and contains extremely detailed requirements controlling every aspect of production. Raw material source and purity, the manufacturing process and environment, testing against the authorised specification, packaging, storage and release of the finished product to market.

Every batch of a Veterinary Medicine is certified for release by a QP [Qualified Person] to ensure it exactly matches the authorised specification. Furthermore, the product is assessed after sale and any problems are reported to the authorities via the Pharmacovigilance system.

The label text on a Veterinary Medicine is authorised and claims are very tightly controlled.

To check if your product is a VMP, look for a Marketing Authorisation VM number on the label.



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Biocidal Regulated Products

A biocidal product is a substance which claims to control harmful or unwanted organisms through chemical or biological means; these products are regulated by the Biocidal Products Regulation (BPR). The authorisation process is ongoing and all biocides will be subject to this regulation over the coming years, or they will be forced to exit the market.

The regulation is designed to reduce the risk to the operator and the environment, both directly and indirectly. The use of the product is subject to a detailed risk assessment based on frequency, quantity and location to ensure that risk is minimised.

Efficacy for each use on the label must be supported by evidence that is assessed. To check if your product is BPR regulated, look for an Authorisation number on the label, which will be in a format similar to: UK:GB-2019-1179-02.

Label text and advertising claims are indirectly controlled but not directly assessed under the regulation. This can allow false or misleading claims which are corrected if reported, but there is not the same level of market surveillance and formal reporting compared to a Veterinary Medicine.

We also have a wide range of other teat disinfectants, such as chlorhexidine and lactic acid, which are already up to the standard of the BPR and will be authorised by this regulation once subjected to it.

Our BPR authorised teat dips include:



EN1656 and EN1657 Tested Products

EN1656 and EN1657 are internationally recognised microbiological testing methods used to determine disinfectant efficacy. To pass EN1656, a disinfectant must demonstrate a 99.999% (5log) reduction for bacteria. To pass EN1657, a disinfectant must demonstrate a 99.99% (4log) reduction for yeast. The teat disinfectant is challenged using a soiling agent to simulate real milking conditions at the required contact time and temperature. These test conditions are adjusted for pre and post milking applications.

All our disinfectant teat care products have been tested to the EN ISO/IEC 17025 standard in our UKAS Microbiology Laboratory using the most up to date EN (European Norm) test methods against a range of bacteria and against the yeast *Candida albicans* for certain products. All of our biocidal products used on the farm are accompanied by a microbiological profile outlining efficacy against various microorganisms, these are publicly available on our website or by contacting us.

Microbiological testing and proven results are the first step in knowing that a disinfectant will give outstanding performance on farm. Without it, there is no scientific proof that the product will work as intended.

We're here to help

Evans Area Sales Managers can help find the right solution for your herd. Technical experts at Evans are also on hand to provide advice and product recommendations.