

Effinity™ Non-Iodine Post Milking Teat Dip

A truly innovative
formula that is mixed
to perfection!



SYNERGISTIC
ACTIVE
INGREDIENTS

EFFINITY™

READY TO USE
NON-IODINE
POST DIP



engineering for
a better world

gea.com

Two ingredient have just come together to form the latest innovation in teat dip!

Benefit from the synergistic effects of Effinity™

Effinity utilizes two active ingredients, Lactic acid and Phenoxyethanol, and combines them with distinct additives to generate an exceptional teat dip formulation that works in a complimentary way to boost bactericidal efficacy against mastitis-causing pathogens.

What makes Effinity different from other dips on the market is that it can provide exceptional kill rates with a formula that is gentler on teat skin. It maintains a mild, stable pH of 3.5 so it is less irritating than other strong oxidizers that can affect teat skin in some herds.

Effinity's ingredient package also includes products commonly used in the cosmetic industry for human skin along with an emollient system that consists of lanolin and glycerin to promote smooth, soft, healthy teat skin.



Teat Exfoliation Like No Other

When Effinity was paired with an oxidizing pre dip (chlorine dioxide or hydrogen peroxide) our test farms experienced a quick, gentle exfoliation of teat skin and fast clean-up of teat-ends within approximately 2 weeks.

This superior exfoliation effect results in a renewed layer of healthy teat skin that will keep bacteria at bay and improve overall moisture absorption for quality skin conditioning that will last milking after milking.



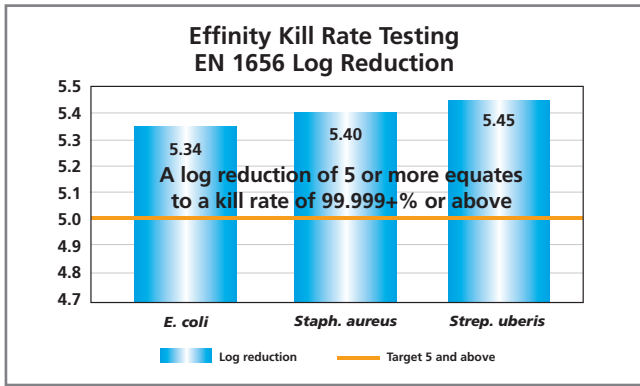


**NPE
FREE**

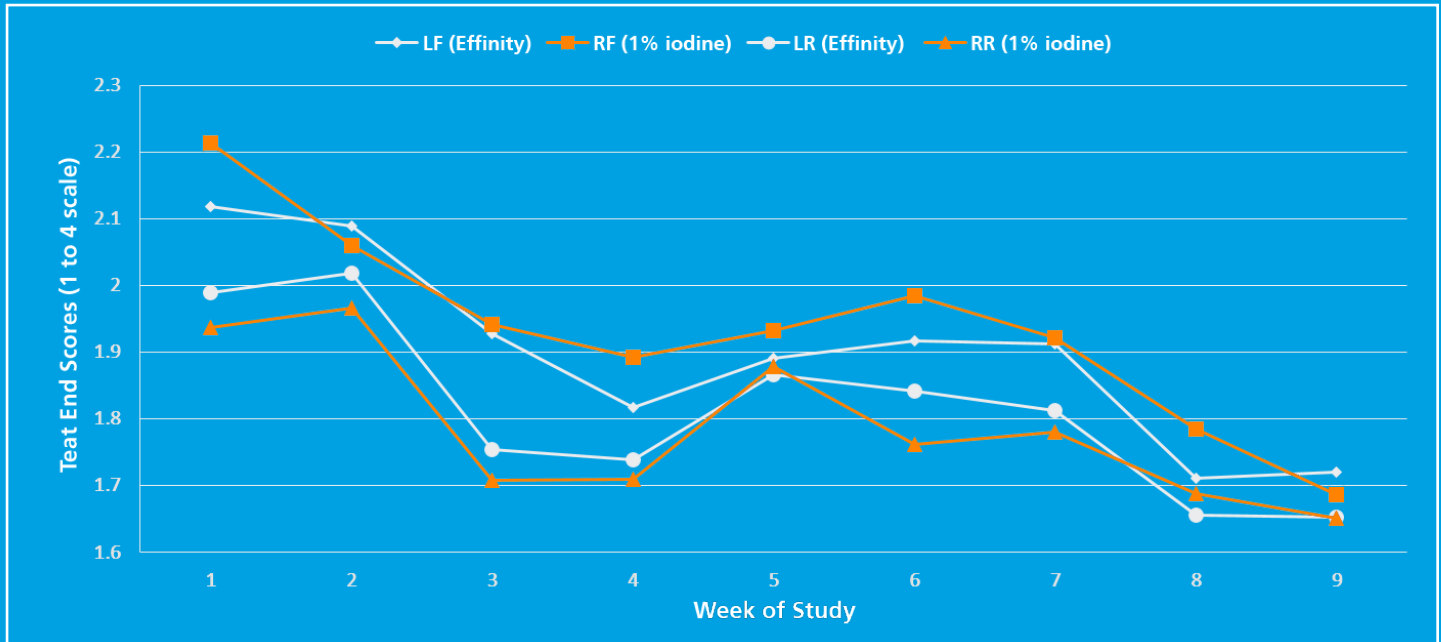
Extensively Tested

Both germicidal efficacy and teat-end condition scoring demonstrate superior performance

EN1656 is a European standard efficacy test for chemical disinfectants, and one that GEA uses in association with a third-party laboratory. During testing according to EN specifications, Effinity exceeded kill rate targets for these three primary mastitis-causing pathogens, *E. coli*, *Staph. aureus*, and *Strep. uberis*.



Teat-end Condition Scoring



Effinity was tested in the field over the course of several years following NMC's teat-end condition scoring protocol. One 9-week split udder study was performed at the University of Kentucky, comparing Effinity to a 1% iodine post-dip (both were paired with a 1% iodine pre-dip). The results showed no significant difference in teat health between Effinity (white lines above) and the control (orange lines above). Additional studies on commercial herds further demonstrated Effinity's exfoliation capabilities, with improvements seen in teat skin condition and teat-end health scores.

Effinity: Mixed to Perfection...

...So You Don't Have To!

Ready to Use

Effinity is a non-iodine teat dip that does not require any mixing or mixing equipment. Also, since it is packaged as a ready-to-use product, Effinity maintains a long 12-month shelf life.

Rich Green Color

Effinity is formulated with a distinctive green color. Milking operators and herd managers won't have a hard time evaluating proper teat dip coverage – it is easy to see and easy to identify while walking through a herd, post milking.

Stable pH

No product activation or mixing is required, which means Effinity delivers a consistent pH from use-to-use, decreasing the chances of teat skin irritation.



Effinity is an excellent teat dip option for your herd:

- If you are looking for a non-iodine teat dip
- If you are tired of mixing chlorine dioxide teat dip and training employees how to use mixing equipment
- If you have poor water quality on your farm and struggle with consistent ppm's and optimal teat dip efficacy from day to day
- If the teat-ends on your herd could use a clean-up – particularly after a bout of harsh weather
- If you want to try a new product and see if it can bring new levels of milk quality and teat health to your herd.

Contact your local GEA dealer to learn more about Effinity!

100%
Customer
Satisfaction

All GEA hygiene products have a 100% Customer Satisfaction Guarantee.



We live our values.

Excellence • Passion • Integrity • Responsibility • GEA-versity

GEA is a global technology company with multi-billion euro sales operations in more than 50 countries.

Founded in 1881 the company is one of the largest providers of innovative equipment and process technology.

GEA is listed in the STOXX® Europe 600 Index. In addition, the company is included in selected MSCI Global Sustainability Indexes.

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