

SYNODINE  
PRODUCT DATA SHEET

# TEAT DIP FOR PROLONGED BIOCIDAL PROTECTION

## BENEFITS

- Ready-to-use pre & post-milking teat sanitiser based on a synergistic composition of Iodine and Lactic acid
- Contains a specially balanced emollient blend, including glycerine
- Reduces dehydration of the epidermis, enhancing the condition of the teat
- Extremely effective broad spectrum disinfectant
- Does not require dilution in preparation for dipping or spraying the teat

SYNERGISTIC  
FORMULATION

## APPLICATION

Synodine is ideal for pre-milking teat cleaning and for protective application immediately after milking. It is a ready-to-use formulation which offers emolliency and biocidal protection of teats in between milking periods. Synodine is ideal for application using spray applicators, or an individual dipping cup.

Iodine is known for its broad spectrum activity and rapid biocidal action. Iodine-based teat dips provide full protection to cows against infective environmental organisms between milking periods. Quat-Chem's new generation teat dips incorporate supplementary antimicrobial acids. Lactic acid provides teat skin conditioning and combined with iodine, provides longer term teat protection from one milking to the next.

## DIRECTIONS FOR USE

**Pre-milking:** Spray or dip product before milking, covering the teats. Dry with a towel or udder cloth before applying the cluster.

**Post-milking:** Spray or dip product after milking ensuring full coverage of the teats. Prior to next milking, teats and udder should be washed and dried.

If dipping, use a clean dip cup every milking.



# ANTIMICROBIAL EFFICACY

Synodine passes EN 1656:2000 (phase 2/step 1) Quantitative Test for the evaluation of Bactericidal Activity of Chemical Disinfectants and Antiseptics used in the Veterinary and Agricultural Fields, giving > 99.999% kill for the following environmental organisms frequently implicated in common teat infections.

- *Streptococcus dysgalactiae*
- *Streptococcus uberis*
- *Streptococcus agalactiae*
- *Staphylococcus epidermidis*
- *Staphylococcus aureus*
- *Escherichia coli*
- *Enterococcus hirae*

## SPECIFICATION

Composition	:	A synergistic blend of biocides and emollients
Appearance	:	Dark brown liquid density : $1.0 \pm 0.1$ (g/ml)
pH Value	:	$3.5 \pm 0.5$
Pack Size	:	5L, 25L, 200Kg & 1000Kg IBC



Quat-Chem Ltd. is a UK-based chemical company specialising in the manufacture of the biocidal active Benzalkonium Chloride and the surfactant Amine Oxide. The Company is also recognised for its comprehensive ranges of innovative formulated hygiene products.

Quat-Chem manufactures a range of disinfection and sanitisation products designed to meet industrial microbial control challenges in industries where hygiene is of critical importance.

- **Dairy Hygiene:** Pre-milking and post-milking teat dips and hoof dips to protect against on-farm udder and hoof infections in dairy cows. Circulatory (CIP) cleaners and sanitisers for the highest level of hygiene in milking parlours and dairy processing plants.
- **Food & Beverage:** Food safe cleaners and sanitisers for processing equipment, tanks, and pipelines to prevent microbial food contamination and help meet stringent food safety standards. Degreasers and descalants to remove stubborn deposits and hand sanitisation products.
- **Poultry & Livestock:** Virucidal disinfectants for infectious disease control in animal housing. Blanket foam and controlled foam sanitisers for hatcheries and abattoirs.
- **Industrial & Institutional:** Commercial & industrial cleaning chemicals to safeguard public health in recreational, residential and work environments.
- **Hospital & Healthcare:** Surgical scrubs, skin antiseptics, instrument sterilisers, virucidal disinfectants, hard surface cleaners and hand sanitisers to provide safe working environments and to protect against hospital acquired infections.

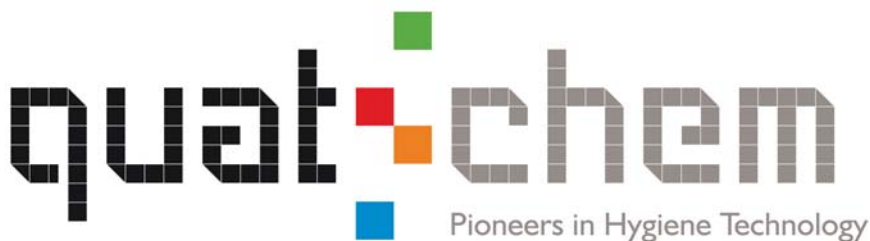
Quat-Chem products are efficacy tested to British-European standards and trusted to deliver performance and value. These products are rapidly becoming the brand of choice for consumer and livestock protection in markets worldwide.

Quat-Chem Ltd., was acquired by Neogen Corporation in 2016. Neogen is a global leader in the development and marketing of products dedicated to food and animal safety.

For further information on our product ranges, or to discuss your specific industrial requirements, please contact our team.

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**EN ISO 9001:2008 QMS GMP ISO 22716:2007**



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