



MANCHEM

SIMPLY SCIENCE

*Biosecurity consultants and chemical manufacturers
ISO 9001:2015 accredited*



DAIRY

CATALOGUE



CONTENT

ANIMAL CARE - PRE/POST TEAT DIPS

- TEAT WASH/UDDER WASH
- RED HEX RTU
- IODINE POST DIP
- ENTEAT UD WINTER

MILKING PARLOUR AND SURROUNDS

- STABISAN VC (SPRAY RACE/GENERAL DISINFECT) ACT 29 REGISTERED (YELLOW)
- OPTIMAX (HARD SURFACE DETERGENT) SABS 1828:2017
- OUTBREAK CONTROL (HARD SURFACE DISINFECTANT) ACT 29 REGISTERED
- VIROGUARD (FOOT DIPS) ACT 29 REGISTERED

MILKING EQUIPMENT HYGIENE

- ACID PLUS (DESCALER) SABS 1828:2017
- KLOR M (FAT AND PROTEIN REMOVAL) SABS 1828:2017
- IODINE ALA (LOOSE EQUIPMENT WASH) ACT 29 REGISTERED
- CUP FLUSH (RINSING BETWEEN USES)
- TRIHIDRO (FINAL DISINFECTANT) SABS 1853:2020 ACT 29 REGISTERED
- PEN LUBE (PROTECTION OF ELECTRONICS DURING WASHING)

QC CHECKS

- TEST STRIPS (PH, CHLORINE, QAC)

WASTE MANAGEMENT

- BOHLISA (DRY BACTERIA FOR WASTE WATER TREATMENT)
- M-BAC MULTIPURPOSE DIGESTER

VEHICLES

- AUTOSHINE
- WASH & WAX
- EFFORTLESS

LAUNDRY AND KITCHEN CARE

- MICROMATIC
- BETTER (DISHWASH)
- U29 (GENERAL PURPOSE CLEANER) SABS 1828:2017
- STABISAN SANS: 1853: 2020 (HARD SURFACE DISINFECTANT) ACT 29 REGISTERED (BLUE)

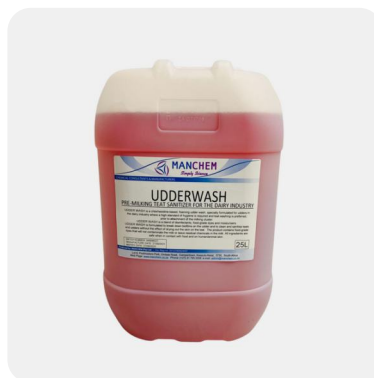
STAFF HYGIENE

- ULTRASHOWER PINK (SHOWER SOAP)
- HANDSAN (HAND WASH) SABS 1828:2017
- THS (ALCOHOL SANITISER) SABS 490:2013

KEY

- * RTU : ready to use
- * CIP : clean in place

UDDER WASH PRE MILKING TEAT SANITIZER



25L

(Packaging sizes: 5Litre, 25Litre)

UDDER WASH is a chlorhexidine-based, foaming udder wash, specially formulated for udders in the dairy industry where a high standard of hygiene is required and teat-washing is preferred, prior to attachment of the milking cluster.

UDDER WASH is a blend of disinfectants, food-grade dyes and moisturisers.

UDDER WASH is formulated to break down biofilms on the udder and to clean and sanitise teats and udders without the effect of drying out the skin on the teat. The product contains food-grade dyes that will not contaminate the milk or leave residual chemicals in the milk. All ingredients are safe when in contact with food and on human/animal skin.

REX HEX RTU



25L

(Packaging sizes: 25Litres)

RED HEX RTU is a chlorhexidine-based teat dip, which is formulated for the dairy industry where a high standard of hygiene is required and teat-dipping is preferred after the milking cluster has been removed.

RED HEX RTU is a blend of sticking agents, disinfectants, fly repellents, food-grade dyes and moisturisers.

REX HEX is applied to the teats using a dipping cup or spray applicator after the milking cluster has been removed. The product contains food-grade dyes that will not contaminate the milk or leave residual chemicals in the milk and will be visible on the udder for up to 4 hours after application. All ingredients are safe when in contact with food and on the human/animal skin.

IODINE POST DIP



25L

(Packaging sizes: 5Litre, 25Litre)

IODINE POST DIP is a blend of stabilized iodophors, viscosity modifiers & moisturizers. IODINE POST DIP is formulated to sanitize teats without the effect of drying out the skin on the teat. All ingredients are safe when in contact with food and on human/animal skin.

ENTEAT UD WINTER POST MILKING TEAT DIP



25L

(Packaging sizes: 5Litres, 25Litres)

ENTEAT UD WINTER is a glutaraldehyde-based, teat dip, specially formulated for udders in the dairy industry where a high standard of hygiene is required and teat-dipping is preferred.

ENTEAT UD WINTER active ingredients will kill a wide variety of microorganisms which come into contact with the udder from the cow's tail, mud splatter from the hind legs etc. Eucalyptus oil controls odours which attract flies. Milking teats can be treated on a frequent basis since an emollient has been added to the product to prevent the skin from drying out due to the loss of natural moisturisers.

ENTEAT UD WINTER contains food-grade dyes that will not contaminate the milk and will be visible on the udder for up to 4 hours after application.

STABISAN VC

NRCS/8054/245082/437



5L



25L

(Packaging sizes: 5Litres, 25Litres)

STABISAN VC is a highly concentrated disinfectant based on a synergistic blend of biguanides and quaternary ammonium compounds, which have broad-spectrum anti-bacterial and anti-fungal and anti-virucidal activities.

STABISAN VC is a general disinfectant applied on surfaces, generally clean and in good repair, to supplement other efforts at improving hygiene conditions. It is also recommended for vehicle disinfection.

STABISAN VC can be applied via high-pressure washers, foamers, mops or ULV fogging equipment.

The Mechanism of bacterial action of Stabisan VC is closely related to the surface activity of the active quaternary ammonium compound. The interaction of the bacterial agents with the cell wall interferes with the metabolic process of the microorganism and this causes the inhibiting or killing action.

- Effective in hard water conditions.
- Suitable for all equipment.
- Non-corrosive, non-staining. .
- Dilute 1:200 (0.5%)

OPTIMAX

WATER BASED SOLVENT DETERGENT

SANS: 1828:2017 / NSF:A4



5L



25L

(Packaging sizes: 5Litres, 25Litres)

OPTIMAX is a water based solvent detergent that has been approved for use in the food processing industries.

OPTIMAX is an alkaline, high foaming, liquid detergent containing solvents, grease cutters, emulsifiers and penetrants for efficient oil and protein removal. It can be diluted with water for lowest usage costs and efficiency. Optimax being an extremely versatile product, can be used safely on most surfaces for removing a wide variety of soils.

OUTBREAK CONTROL

BROAD SPECTRUM DISINFECTANT

NRCS/8054/245082/51



25L

(Packaging sizes: 5Litres, 25Litres)

OUTBREAK CONTROL is a broad spectrum disinfectant based on a synergistic blend of quaternary ammonium compounds, glutaraldehyde, alcohols and surfactants. Outbreak Control is applicable as an aid in improved hygiene management for use in the variety of industrial areas such as animal and poultry houses, hatcheries and swine producing facilities.

OUTBREAK CONTROL can be applied via high pressure washer, foamers or ULV fogging equipment.

VIROGUARD BROAD SPECTRUM POWDER DISINFECTANT

NRCS/8054/245082/59



5KG

VIROGUARD is a blend of organic acids, surfactants and biocides. It is a powder that is effective against many different strains of bacteria, fungi, viruses and spores.

VIROGUARD is readily dissolved in tepid water and is extremely stable in solution - tests show a 1% solution of Viroguard retained 90% efficacy after 7 days. Viroguard is ideal for foot dips, cleaning and disinfecting equipment and calf feeding buckets and water sanitation at low concentrations. (Recommended dilution is 1:100)

ACID PLUS

LIQUID ACID CLEANER

SANS: 1828:2017



25L

(Packaging sizes: 5Litres, 25Litres)

ACID PLUS is a solution of strong acids formulated for removing and controlling milkstone in dairies. It is concentrated and economical to use. When used on a regular basis, it will prevent the build up of milkstone. Acid Plus is economical to use, safe on stainless steel and non-foaming.

CIP cleaning - use 5-10ml per litre water at up to 60 °C for, heavily contaminated areas a higher concentration may be required.

SOAK TANK - use from 5mls per litre up to the concentrate dependant on the degree of soiling.

KLOR M

CHLORINATED LIQUID ALKALI CLEANER

FOR USE IN THE FOOD PROCESSING INDUSTRY

SANS: 1828:2017



5L



25L

(Packaging sizes: 5Litres, 25Litres)

Klor M is a concentrated, chlorinated liquid alkaline cleaner.

Because of its low foaming characteristics, it is ideal for use in a CIP or for crate washing.

Chlorine breaks the protein link between fatty soils and mineral deposits, while protein is denatured by caustic alkali. It neutralizes offending odours caused by bacteria, is fast acting, cleans and sanitizes in one operation and is effective in hard and soft water.

IODINE ALA

IODOPHOR DISINFECTANT

NRCS/8054/245082/58



5L



25L

(Packaging sizes: 5Litres, 25Litres)

IODINE ALA is a concentrated water soluble composition, containing an acid and iodine-synthetic detergent complex having highly efficient detergent-germicidal and sanitizing properties which diminish the micro-organism count of a treated area. It has been formulated to be diluted in the field for use in cleaning and sanitizing in one operation.

IODINE ALA can be used on hard, non-porous, inanimate surfaces. Use on walls, floors, appliances, furnishings, utensils and equipment.

IODINE ALA is ideal for soaking equipment and back flushing in the dairy industry.

PENLUBE



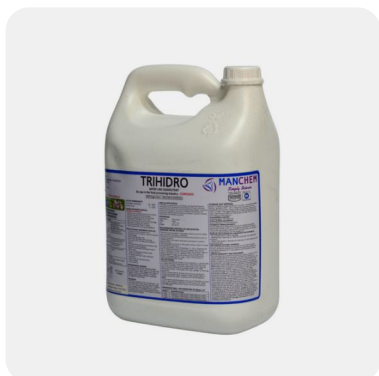
400ML

PENLUBE is a penetrating lubricant which penetrates electrical points, making them water-proof during washing and sanitizing processes.

PENLUBE frees stuck parts, protects against rust and corrosion, displaces moisture, is safe on metal, paint and rubber and is silicone-free.

THRIHIDRO**WATER LINE DISINFECTANT**

SANS: 1853:2020 / NRCS/8054/245082/62 / NSF:D2

**5L****25L**

(Packaging sizes: 5Litres, 25Litres)

THRIHIDRO is a peroxyacetic acid-based sanitizer/disinfectant developed for the prevention and removal of heavy soils and scale/mineral build up from the drinking water system in animal and poultry houses. It can also be used as a disinfectant for previously cleaned hard non-porous surfaces in poultry houses, hatcheries and livestock quarters.

RECOMMENDED METHOD OF APPLICATION:

- THRIHIDRO must be added in the systems directly and not mixed with any other chemicals or additives.
- Discontinue the use of chlorine and bromine products prior to using this product.
- Contamination with other chemicals could result in product decomposition.
- Add this product at a point in the system where uniform mixing and distribution will occur.
- To clean the system, use 2% solution / 1:50 or 20 grams per litre of water and leave to work in the system for 12 - 48 hours.



- **.pH** : Used to indicate the acidity or alkalinity of a substance. Range (0-14)
- **QAC** : Reliable means of measuring the concentration of quaternary ammonium compounds. Range (0-500 ppm)
- **Free Chlorine Check** : To test chlorine residuals present in liquids. Range (0-25 ppm)
- **Peroxide** : It determines the levels of hydrogen peroxide present in a wide range of materials and products.
- **Chlorine** : Measure the presence of the chlorine in a liquid substance. Range (10-200 ppm)

BOHLISA MULTIPURPOSE DIGESTER



25KG

BOHLISA is a non-hazardous, multi purpose digester. The Bacteria it contains breaks down organic matter found in drains, waste ponds, septic tanks, grease traps etc. These bacteria favour aerobic conditions to grow in, but can function under anaerobic conditions.

M-BAC MULTIPURPOSE DIGESTER SANS: 1828:2017



5L



25L

(Packaging sizes: 5Litres, 25Litres)

M-BAC is a combination of “live” bacteria and enzymes that penetrate and digest fats, greases, cellulose, protein and carbohydrates rapidly.

M-BAC deodorizes floors and walls and controls odours, thus reducing fly problems. Suitable for spraying onto rubbish dumps, manure heaps and other areas where waste disposal and odour problems occur. M-BAC can be used in septic tanks to provide the necessary digestion to eliminate carry-over. M-BAC is approved for use in the food processing plants.

AUTOSHINE LIQUID VEHICLE SHAMPOO



5L

(Packaging sizes: 5Litres, 25Litres)

AUTOSHINE is especially suited to washing vehicle exteriors by pressure washer or manually. It leaves no residue or streaks on the vehicle exterior even when allowed to drip dry. AUTOSHINE is neutral and soft on the hands.

- The high oil and grease removal properties of AUTOSHINE make it particularly suitable for cleaning vans, delivery vehicles and motor cars. The cleaning can be done by hand, by HP washer or through automatic car washing plants. When thoroughly rinsed, very little or no drying is required. It is safe on all painted surfaces.
- AUTOSHINE can also be used to clean vehicle interior surfaces.

EFFORTLESS WATER BASED VEHICLE WASH



25L

(Packaging sizes: 5Litres, 25Litres)

EFFORTLESS is a concentrated heavy-duty metal safe alkaline detergent. Being an extremely versatile product, can be used safely on most surfaces for removing a wide variety of soils. EFFORTLESS can be used in one or two step cleaning applications.

- Quickly removes dirt and oily soil from both painted and unpainted surfaces
- Safe on chrome and painted surfaces
- Multipurpose cleaner and degreaser, can be used to degrease engines

WASH AND WAX



5L



25L

(Packaging sizes: 5Litres, 25Litres)

WASH AND WAX is especially suited to washing vehicle exterior by pressure washer or manually and leaves no residue or streaks on the vehicle exterior even when allowed to drip dry.

WASH & WAX is neutral and soft on the hands. The high oil and grease removal properties of WASH & WAX make it particularly suitable for cleaning vans, delivery vehicles and motor cars.

The cleaning can be done by hand, high pressure washer, or through automatic car washing plants. When thoroughly rinsed, very little or no drying is required. It is safe on all painted surfaces. WASH & WAX can be used to clean vehicle interior surfaces.

MICROMATIC / MICROSAN POWDER LAUNDRY DETERGENT



5KG

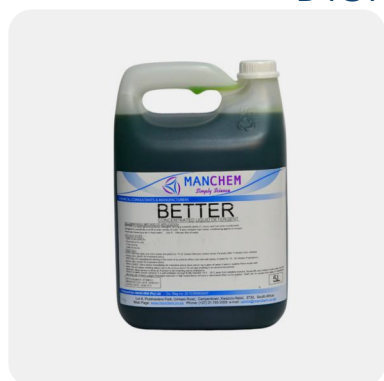


25KG

(Packaging sizes: 5KG, 25KG)

MICROMATIC / MICROSAN is an industrial concentrated powdered laundry clothing detergent, comprising inorganic builders that have fabric care properties, surfactants, sequestering and brightening agents. It can be used in both top and front load washing machines.

BETTER DISHWASH LIQUID



5L



25L

(Packaging sizes: 5Litres, 25Litres)

BETTER is a liquid, neutral general-purpose detergent having a scientific blend of anionic and non-ionic constituents designed to penetrate and lift a wide variety of soils.

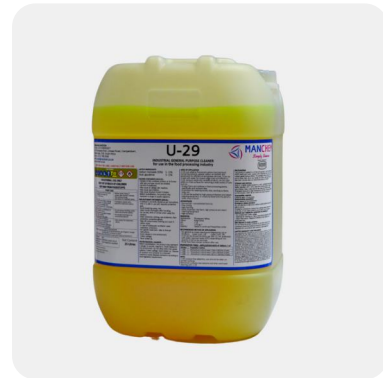
BETTER also contains hard water conditioning agents to ensure maximum cleaning even in hard water.

BETTER is safe on all metals, painted surfaces, plastics, rubber and glazed surfaces, and can be applied in dishwashing, all hard surface cleaning, e.g. walls, and floors, etc.

U-29 GENERAL PURPOSE CLEANER SANS: 1828:2017



5L



25L

(Packaging sizes: 5Litres, 25Litres)

U-29 is an alkaline, fluorescent yellow, foaming liquid containing solvents, grease cutters, emulsifiers and penetrants for efficient oil and grease removal.

It can be mixed with water at a dilution of 1:100 for lowest usage costs and efficiency. U-29, being an extremely versatile product, can be used safely on most surfaces, for removing a wide variety of soils, such as:- Greasy floors and surfaces in food processing plants, specifically acid resistant tiles.

- Kitchens for cleaning stoves, tiles, working surfaces, sinks, etc.
- U-29 can be applied by high pressure foamers and steam cleaning equipment, or simply by hand with the aid of a cloth, mop or brush.

STABISAN

SANS: 1853:200
NRCS/8054/245082/61



25L

5L

(Packaging sizes: 5Litres, 25Litres)

Highly active product, can be foamed at up to dilutions of 1:100. STABISAN is a highly concentrated disinfectant based on a synergistic blend of amphoteric and quaternary ammonium compounds, which have broad-spectrum anti-bacterial and anti-viral activities.

STABISAN is a general disinfectant designed to be applied on surfaces (generally clean and in good repair) with the aim to supplement other efforts at improving hygiene conditions. It is ideal for use as a terminal disinfectant for biosecurity in food processing plants. When used at the recommended dilution levels, it is safe in the environment.

STABISAN can be applied via high-pressure washer, foamers, mops or ULV fogging equipment.

The mechanism of bacterial action of STABISAN is closely related to the surface activity of the active quaternary ammonium compound.

The interaction of the bacterial agents with the cell wall interferes with the metabolic process of the microorganism and this causes the inhibiting or killing action. Effective in hard water conditions. Suitable for all equipment. Non-staining.

ULTRASHOWER PINK



5L



25L

(Packaging sizes: 5Litres, 25Litres)

ULTRASHOWER PINK is a pearly pink, viscous, perfumed hand and body gel containing skin conditioners, Tea Tree oil and Aloe Vera extract.

ULTRASHOWER PINK gives a strong, long lasting lather and after rinsing the skin has a clean fresh feel. Ultrashower Pink is a synthetic liquid soap, giving maximum cleaning in both hard and soft water.

HANDSAN

SANS 1828:2017



5L



25L

(Packaging sizes: 5Litre, 25Litre)

HANDSAN is a liquid ,non-perfumed hand soap , formulated for the food industry. The quaternary ammonium compounds used in Handsan are effective against *Staphylococcus aureus*,

HANDSAN has a neutral pH, is effective in both soft and hard water and can be applied through a soap dispenser.

T.H.S. TERMINAL HAND SANITIZER SANS 490:2013



500ML



1L



5L



25L

T.H.S is a blend of wetting agents, disinfectants and moisturisers formulated as an alcohol-based hand sanitizer liquid. The product contains no dyes or perfumes, making it safe for the food industry.

T.H.S is active against a wide range of microorganisms, is non-irritating and is stable in the presence of organic matter.

Contains 71% alcohol

BIOFECT AEROSOL SPRAY

An excellent disinfectant, antimicrobial agent and two-way deodorizer for use in all kind of areas.

DISINFECTANT CAB SPRAY

An excellent disinfectant, antimicrobial agent and two-way deodorizer for use on pre-cleaned, hard, non-porous surfaces. CAB AEROSOL DISINFECTANT is a virucidal disinfectant and antimicrobial agent.

BLEACH POWDER

Application where instantaneous sterilization is required.

STABIGEL - CONCENTRATED BLEACH

powerful cleaner, designed to eliminate germs, dirt, mould and dust from around your home.

BOHLISA - MULTI-PURPOSE DIGESTER

Contains naturally occurring, non-pathogenic bacteria which break down organic material,
It is a non-hazardous, multi-purpose digester.



PRODUCED BY: MANCHEM (PTY) LTD

Co. Reg no: 2012/090624/07

Lot 8. Postmasters Park,

Umlaas Road,

Camperdown,

Kwazulu-Natal, 3730,

South Africa

Phone: (+27) 31 785 2058

e-mail: admin@manchem.co.za

www.manchem.co.za

