



ZOO TECHNICAL

Fumigant Tablets

- Surface treatment (walls and floors)
- Air treatment of the entire environment
- Litter treatment



Live Stock

- Innovative detergents with high yield and efficacy and odor control specialties
- Benefit of sustainability, transport and management costs



Sanitizer

- Sanitizing detergents for the needs of the livestock sector
- Some products are in the process of being registered as BIOCIDES



NEO K7

FUMIGANT TABLET DISINFECTANT

PARAFORMALDEHYDE BASED



Description

NEO K7 is a powerful sanitizer in the form of a tablet (700 g each) based on paraformaldehyde. During this process of fumigation, each tablet releases 300 liters of formaldehyde in a constant and continuous way, ensuring, for about 4 hours, a stable concentration of vapors. The result is therefore a deep and prolonged capillary disinfection of the environment. With just one tablet of NEO K7, 200 gr (300 lt) of formaldehyde are released, and remain active for more than 6 hours.

Instructions for use and dosage

One tablet is used for the disinfection of 300/400 cubic meters of environment depending on the area of use.

1. Ignite the tablet.
2. Wait until the tablet becomes black.
3. Flame out by covering.
4. Leave the tablet to fumigate until it is consumed.



Ignite the tablet



Let the flame spread over the tablet until it becomes black



Extinguish the flame by covering for a few seconds



Leave the tablet to fumigate until consumed

Advantages



EASY

no need for special equipment for application.



EFFECTIVE

fumigation guarantees longer lasting action.



HIGH PERFORMANCE

1 tablet (700 g) covers 300 cubic meters.



SAFE

application doesn't need any human involvement.



Properties

- Physical aspect: solid
- Odour: characteristic
- Colour: beige
- Flammability: flammable solid
- Solubility: insoluble in water
- Density and/or relative density: 0,85 +/- 0,05 kg/l
- Weight: 700 g
- Composition: paraformaldehyde 37%; excipients 63%

Packaging

Carton box containing 20 tablets packed in a single sealed recyclable plastic bag (PE); each envelope contains labeling and instructions for use. The tablets can be splitted directly in the sealed envelope without contact with the operator.

Storage

Keep the product in the original bags and cartons. Do not expose to direct sunlight. Do not expose to temperatures exceeding 50 °C during transport or storage.

Exposure to higher temperatures can cause the tablet to lose its hardness, making it more brittle. This phenomenon does not change its effectiveness during fumigation.

NEO OPP

**FUMIGANT FOR PROFESSIONAL USE FOR
THE TREATMENT OF LOCALS
IN ZOOTECHNICAL AND VETERINARY**



Description

NEO OPP is an environmental fumigant in the form of a tablet (weight 600 g) containing 2-phenylphenol (orthophenylphenol).

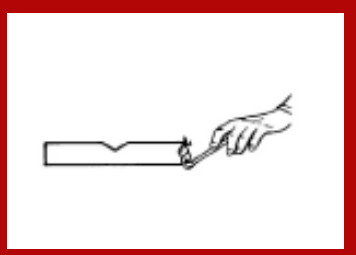
During this fumigation process the heat produced allows the development of orthophenylphenol in a dry gaseous form. The process ensures a constant and uniform release of gas for a period of approximately 3 hours.

The result is an aerial treatment, deep and capillary because the color of the smoke also performs the function of marker allowing to verify that the entire volume of the environment is treated.

Instructions for use and dosage

A tablet is sufficient for a shock treatment or a maintenance / preventive treatment according to the indications given in the table below and by means of the appropriate pre-breaking notches it can easily be divided into 2 or 4 parts according to the environmental volume from to deal.

1. Ignite the tablet.
2. Wait until the tablet becomes black.
3. Flame out by covering.
4. Leave the tablet to fumigate until it is consumed.



Ignite the tablet



**Let the flame
spread over the
tablet until it
becomes black**



**Extinguish the
flame by
covering for a
few seconds**



**Leave the tablet
to fumigate until
consumed**

Advantages



EASY

no need for special equipment for application.



EFFECTIVE

fumigation guarantees longer lasting action.



HIGH PERFORMANCE

1 tablet (700 g) covers 300 cubic meters.



VERSATILE

thanks to the pre-breaking carvings it is possible to easily split the tablet into 2 or 4 parts



SAFE

application doesn't need any human involvement.



Properties

- Physical aspect: solid
- Odour: characteristic
- Colour: beige
- Flammability: flammable solid
- Solubility: insoluble in water
- Density and/or relative density: 0,80 +/- 0,05 kg/l
- Weight: 600 g
- Composition: 2-phenylphenol (Orthophenylphenol):10% ; excipients: 90%

Packaging

Carton box containing 20 tablets packed in a single sealed recyclable plastic bag (PE); each envelope contains labeling and instructions for use. The tablets can be splitted directly in the sealed envelope without contact with the operator.

Storage

Keep the product in the original bags and cartons. Do not expose to direct sunlight. Do not expose to temperatures exceeding 50 °C during transport or storage. Exposure to higher temperatures can cause the tablet to lose its hardness, making it more brittle. This phenomenon does not change its effectiveness during fumigation.

TAIL CONTROL SPRAY

Bollard to the cannibalism of pigs for external use only



Description

TAIL CONTROL has been developed in collaboration with veterinary doctors of north Italy. The mechanism of **TAIL CONTROL** action is based on all the sense highly developed of taste and smell of pigs for cancel the desire to bite.

TAIL CONTROL does not cause harm to the animal or the meat and is also effective for other animals (chickens, tur-keys, etc.).

Characteristics

TAIL CONTROL acts on two very sensitive centers of perception of the animal:

TASTE

has been inserted into the product a substance considered among the most unpleasant known. This sub-stance is safe for the pig but it is also disgusting too.

OLFACTION

has been inserted into the product a disgusting food flavoring for the pig. So after first treatment, the pigs, recognize the smell and they learn that if they continue in their efforts to bite also feel the disgusting taste too, much more annoying.



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Advantages



EASY

spray bottle of 400 ml equipped with a specific device for easy handling and use.



SAFE

it does not cause harm to the animal or the meat



DOUBLE ACTION

it contains a sanitizer for cleaning and sanitation of injuries on tails and ears



Properties

- Physical aspect: aerosol
- Odour: characteristic
- Colour: blue
- Flammability: flammable gas
- Solubility: soluble in water
- Frequency of application: depend on veterinary instruction and the severity of problem
- Application: applied from a distance of about 50 cm

Packaging

TAIL CONTROL is available in convenient spray bottle of 400 ml equipped with a specific device for easy handling and use.

Storage

Store in original containers at room temperature.



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BIOSAN CLORGEL

Chlorinated cleaner gel



Description

BIOSAN CLORGEL is an alkaline chlorinated detergent that dilutes in water at appropriate concentrations to form a thixotropic gel strongly adhering to even vertical surfaces.

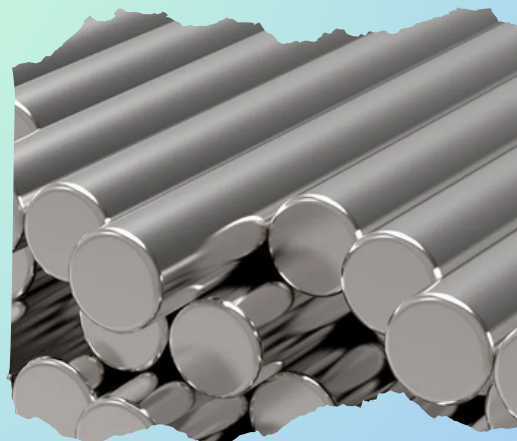
BIOSAN CLORGEL is particularly suitable for slaughterhouses daily cleaning and sanitation treatments in the food, bottling and dairy industry.

Characteristics

BIOSAN CLORGEL



BIOSAN CLORGEL is suitable for use in the food industries.



BIOSAN CLORGEL is compatible with all types of stainless steel normally used in the food industry.

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Advantages



EFFECTIVE

penetration and disintegration of difficult and obstinate dirt



SAFE

able to remove protein and blood contaminants without any special manual intervention



EFFICIENT

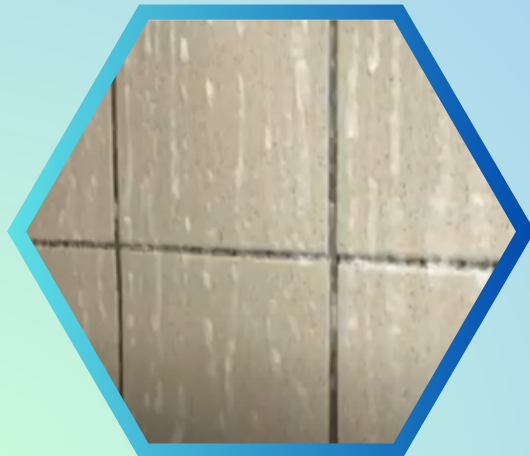
BIOSAN CLORGEL solutions rinse without leaving any trace and require minimal water quantities



1) APPLICATION



3) RINSE



2) ACTION

Properties

- Physical aspect: limpid liquid
- Odour: characteristic
- Colour: light yellow
- pH: 13 +/- 1
- Chlorine: 3,4 % (at origin)
- Solubility: soluble in water
- Contact times: vary from 15 minutes up to 1 hour
- Application: concentrations from 4-10% depending on the degree and type of contamination.

Packaging

BIOSAN CLORGEL is available in jerry cans of 10-30-60-215 Kg.

Storage

Store the product in original containers at temperatures between 10-25 ° C.



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DESCAL ACID FOAM

Foaming acid descaler



Description

DESCAL ALCID FOAM is a foaming descaler with a detergent action able to act on the deposits that form on walls, floors and systems.

Its acidity is active on: carbonates, tartrates, citrates and organic salts in general, while it is completely inert towards synthetic materials.

Characteristics

DESCAL ACID FOAM



DESCAL ACID FOAM is suitable for use in the food industries.



DESCAL ACID FOAM form a compact foam with high gripping power that allows descaling even in the most difficult to access points of a plant, a tank or a wall.

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Advantages



EFFECTIVE

it allows descaling even in the most difficult to access points of a plant, a tank or a wall



EFFICIENT

DESCAL ACID FOAM solutions rinse without leaving any trace and require minimal water quantities



DOUBLE ACTION

DESCAL ACID FOAM is a foaming descaler with a detergent action



Properties

- Physical aspect: liquid
- Odour: characteristic
- Colour: colorless
- pH (SOL. 1%): 1
- Descaling power: 8gr of pure product dissolve 10 gr of limestone
- Solubility: soluble in water
- Contact times: leave to act for 15-30 minutes and proceed with a rinse
- Application: dilution of 5% of the product (50 g / liter)

Packaging

DESCAL ACID FOAM is available in jerry cans of 10-30-60-240 Kg.

Storage

Store the product in original containers at temperatures between 10-25 ° C.



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ACTIV

Odour neutralizer



Description

ACTIV is a specific product to eliminate and neutralize unwanted odours caused by the decomposition of organic substances, organic waste, rotting of various materials.

Characteristics



Odor neutralizer

Differently from other traditional masking products, commonly called deodorants, that use strong scents in high concentrations thus hiding bad odours temporarily, **ACTIV** does not mask odours with strong scents but eliminates them through ionic exchange.



Nebulization

The mix consisting of **ACTIV** and water is sprayed using suitable equipment, with specific spray nozzles. A fine mist of particles is thus obtained between 7 and 8 micron. These must be atomized directly in free air where they quickly evaporate turning into vapour

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Advantages



VERSATILE

applicable from civil homes, to the food industry and public places



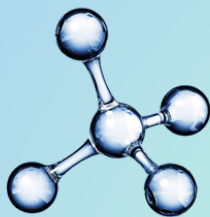
SAFE

non-toxic and non-inflammable: it is fully biodegradable with zero impact on the environment



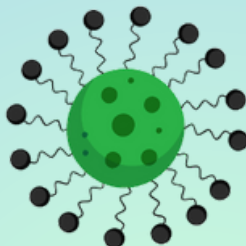
EFFICIENT

concentration in 100 litres of water ranges from 1 to 2.5 kg (1-2.5%)

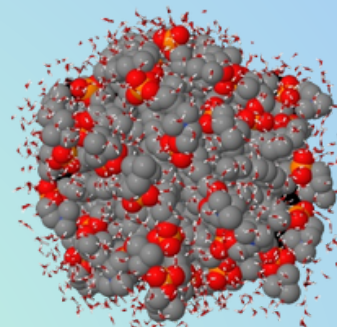


ACTIV MOLECULE

+



BAD ODOUR MOLECULE



ODOURLESS MIX

Properties

- Physical aspect: liquid
- Odour: aromatic
- Colour: dark brown
- pH: 5-6
- Solubility: soluble in water
- Application: concentrations from 0.2 to 2,5%

Packaging

ACTIV is available in jerry cans of 10-30-60-215 Kg.

Storage

Store the product in original containers at temperatures between 10-25 ° C.

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DERMILK SS

SANIFICATION DETERGENTS FOR MILKING MACHINES



Description

DERMILK SS is an acid descaling for the biweekly treatment of the milking circuit. In addition to cow's milk it is perfectly effective also on plants that treat sheep or goat's milk.

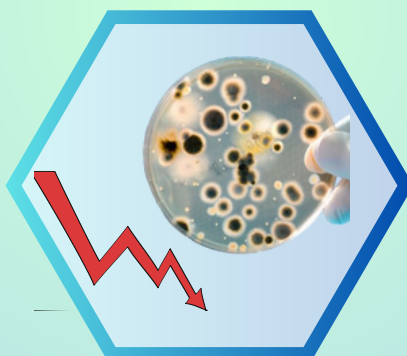
Considering that milk bacterial charge is one of the parameters for quality milk, working with perfectly cleaned and sanitized milking and collection facilities means a drastic reduction in milk microbial charge and therefore a more valuable product.

Characteristics



ACID

Acid product to remove inorganic residues milking rooms, storage and transfer facilities.



REDUCTION MICROBIAL CHARGE

Drastic reduction in milk microbial charge and therefore a more valuable product.



RINSE

It is always necessary to have an abundant final rinse.



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Advantages



VERSATILE

applicable for milking rooms, storage and transfer facilities



EFFECTIVE

complete removal of inorganic residues



EFFICIENT

concentration of 2-3%, allowing it to work for 15-20 minutes



Properties

- Physical aspect: liquid
- Odour: characteristic
- Colour: yellow
- pH: 1
- Solubility: soluble in water
- Application: concentration of 2-3%, allowing it to work for 15-20 minutes

Packaging

DERMILK SS is available in jerry cans of 10-30-60-240 Kg.

Storage

Store the product in original containers at temperatures between 10-25 ° C.



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BIOSAN STERIDET

Multipurpose Sanitizing



Description

BIOSAN STERIDET is a multipurpose sanitizing powder. In addition to having a detergent action are able to produce in environments and equipment where it is used, unpleasant conditions for bacteria, viruses and fungi thanks in the presence of oxidizing agents acting in synergy with the other constituents of the product.

Advantages



DOUBLE ACTION

action detergent + whitening and deodorant action



EASY

easy transport and storage



VERSATILE

wide range of applications (livestock producers, veterinary hospitals and farmers)



SAFE

biosecurity assured even with low temperatures and high levels of organic residues



Characteristics



BIOSAN STERIDET has wide range of applications (livestock producers, veterinary hospitals and farmers), it's flexible and fast-acting (perfect for: surfaces, equipment, vehicles, aerial disinfection, water systems), ensuring biosecurity reassurance even with low temperatures and high levels of organic residuals.

BIOSAN STERIDET is an appropriate solution even for the inaccessible areas of the building and the air, using a high efficiency nebulizer (at the doses of use it can also be sprayed in the presence of livestock or poultry).



Properties

- Physical aspect: powder
- Odour: lemon
- Colour: pink
- pH: 2,5 - 3,5 Sol. 1%
- Solubility: soluble in water
- Active oxygen: 2,4%

Packaging

BIOSAN STERIDET is available in jerry cans of 1 - 5 Kg.

Storage

Store in a cool and dry place closed in original containers. Prepare the solution in the required quantities and use it within 24 hours.

BIOSAN GLUTAL

Sanitizer for intensive breeding



Description

BIOSAN GLUTAL is a sanitizing agent based on three active ingredients: DDAC Didecyl Dimethyl Ammonium Chloride, isopropyl alcohol and glutaraldehyde.

The synergy liberated by their combination allows to obtain a good bactericide, virucide and sporicide power.

Advantages



EFFECTIVE

besides removing the organic dirtiness, controls the development of the foaming-agent power



EASY

it is easy to dilute, to apply and to rinse



SAFE

It doesn't attack the surfaces

Properties

- Physical aspect: liquid
- Colour: blue
- Density(20°C): 0,985 Kg/lt
- pH(as is): 3,5
- pH(1% solution): 7,5-8,0
- Glutaraldehyde (as is): 50.000 ppm
- Glutaraldehyde (1% sol.): 5 ppm
- Solubility: soluble in water
- Foamness (1% solution) : 5ml (20°C)

Rate of use



1a phase: remove the bedstead, the fecal and food residuals and all solid dirtiness. Keep away the wood-floor and the grate.



2a phase: degrease and sanitize the floor, the walls and the fittings. Submit the wood-floor and the grate at the same treatment.



3a phase: rinse with water (with good igienical quality).



5a phase: start the new breeding cycle after two hours from treatment.



4a phase: sanitize with a aqueous solution of BIOSAN GLUTAL with a 0,5-2% concentration.

Packaging

BIOSAN GLUTAL is available in jerry cans of 10 - 30 - 60 - 215 Kg.

Storage

Store in a cool and dry place closed in original containers.

BIOSAN IODIO

Iode base sanitizing



Description

BIOSAN IODIO is a degreasing detergent developed for field applications food and livestock. The slight acidity of the product makes it effective for the removal of light limescale residues, while the presence of iodine takes place a proteolytic action on the protein material residue thus favoring it the elimination of the part of the constituent surfactants the composition.

Advantages



DOUBLE ACTION

surfactants: function of 'carrier' molecules and reduce the surface tension of the use solutions by increasing its wettability and penetrating power



EFFICIENT

concentration of 1-2 %



FAST

the contact times of its solutions range from 5 to 10 minutes



Applications



LIVESTOCK BREEDING



FOOD AND FEED SECTOR



BREWERIES



CONSERVERIA INDUSTRY

Properties

- Physical aspect: liquid
- Colour: dark brown
- Density(20°C): 1,03 Kg/lt about
- Viscosity: 150 cps about
- pH(1% solution): 1,5-2
- Iodine active : 1%
- Co-formers just enough to 100

Packaging

BIOSAN IODIO is available in jerry cans of 1 - 10 - 30 - 60 Kg.

Storage

Store in a cool and dry place closed in original containers.

BIOSAN BAC

Sanitizer with quaternary ammonium cations



Description

BIOSAN BAC is a solution containing didecyl dimethyl ammonium chloride and coformulants boasting high sanitizing and deep cleansing properties for the treatment of surfaces including those that may come into direct contact with food.

Advantages



CHEAP

Low operating costs



EFFECTIVE

Good cleansing properties



EFFICIENT

Long residual action



RESISTANT

Excellent resistance to organic substances

Applications



**DAIRY, FROZEN FOOD
AND MEAT INDUSTRIES**



**CANTEENS, COMMUNITY
CENTRES, CLINICS**



BREWRIES



FOOD SECTOR

Properties

- Physical aspect: liquid
- Colour: green
- Density(20°C): 1,00 Kg/lt
- Odour: odourless
- pH(1% solution): 7
- Compatibility : compatible with non ion-ic, cationic and ampholytic surface-active agents. Incompatible with anionic detergents and polyphosphates.

Packaging

BIOSAN BAC is available in jerry cans of 10 - 30 - 60 - 215 Kg.

Storage

Store in a cool and dry place closed in original containers.