

# Vetsan “Super” Concentrate

## A concentrated Sanitiser, Biocide & Virucide

**Vetsan Super Concentrate** is a sanitiser designed for use in calf pens and other animal facilities. It is active against all the important scour causing micro-organisms including; Rotavirus, E coli, Salmonella, Coronavirus, Cryptosporidium, Clostridium etc.

**Vetsan Super Concentrate** has a physical killing action by disrupting transport across the cell wall rather than being a metabolic poison so it is important that Vetsan comes in to contact with the micro-organism. This physical action makes a build-up of resistance impossible and even low doses are effective as there is no minimum inhibitory concentration.

### Recommendations For Use

To improve the potential for Vetsan to contact and kill the micro-organisms, it is recommended that as much physical contamination as possible is removed by water or steam cleaning the pens before new bedding is introduced and calves are placed into the rearing pens.

We recommend that the empty pens are sprayed at the start of the season before bedding is introduced and then sprayed again once the new bedding is put into the pens.

Once rearing has begun, the pens and rearing environment should be sprayed weekly to prevent the build-up of disease causing organisms.

### Directions For Use

**When pens are not in use:** Remove as much physical organic contamination as possible and spray all surfaces with a 250ppm solution of dilute Vetsan.

Leave to dry for at least 30 minutes before introducing new bedding. Spray the pen and new bedding again with a 250ppm solution of dilute Vetsan and leave to dry.

Wash feeders and drinkers before use.

1 litre of dilute Vetsan will cover approximately 36m<sup>2</sup>.

**Safety** Do not spray directly onto animals. Avoid inhaling the spray mist.

Wear appropriate safety equipment.

**Mixing** Instructions Add Vetsan Super Concentrate to clean drinking quality water and mix well.

Use a coloured (UV resistant) container.

### Recommended dilution rates:

Vetsan Super Concentrate	Water	Total Volume
<b>100 ppm</b>		
200mls	4.8 litres	5 litres
400mls	9.6 litres	10 litres
800 mls	19.2 litres	20 litres
<b>250ppm</b>		
500 mls	4.5 litres	5 litres
1 litre	9.0 litres	10 litres
2 litres	18.0 litres	20 litres



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# CHLORINE DIOXIDE

## TOXICITY AND GERMICIDAL EFFICACY

### BACTERIA

#### INCLUDING:

Bacillus Subtilis  
Bacillus Circulans  
Bacillus Megatarium  
Bacillus Cereus  
Bifedibacter Liberium  
Camphylobacter Jejuni  
Clostridium Chauvoei  
Clostridium Dificile  
Clostridium Perfingens  
Clostridium Septicum  
Clostridium Sporogenus  
Coliforms  
Corynebacterium Nucleatum  
Corynebacterium Nucleatum  
Enterobarcer Cloaceae  
Enterobarcer Hafnia  
Escherichia Coli  
Flavobacterium Sp.  
Fusobacterium Nucleatum  
Klebsiella Pneumoniae  
Legionella Pheumophila  
Lysteria Monocytogenes  
Methicillin Resistant Staphylococcus Aureus  
Microbacterium Smegmatis  
Mycobacterium kansaai  
Mycobacterium Smegmatis  
Mycobacteroi Bovis (Tuberculosis)  
Mycoplasma Bovis  
Proteus Vulgaris  
Pseudomonas Aeroginosa  
Pseudomonas Sp.  
Salmonella Choleraesuis  
Salmonella Enteritidis  
Salmonella Gallinarum  
Salmonella Typhi  
Salmonella Typhimorium  
Salmonella Typhosa  
Sarcinae Lutae  
Staphylococcus Aureus  
Staphylococcus Epidermia  
Strep 1, 2, 3  
Streptococcus Agalactiae  
Streptococcus Aureus  
Streptococcus Faecium  
Streptococcus Pyrogenes  
Streptococcus Uberius  
Streptococcus Equi  
Streptococcus Faecalis  
Yersinia Enterolitica

### PROTOZOA

#### INCLUDING:

Cryptosporidium Parvum  
Cryptococcosis  
Giardia  
Leishmania Donovanii  
Naegleria Fowleri  
Plasmodium Malariae  
Toxoplasma Gondii  
Trypanosoma Bruce

### VIRUS

#### INCLUDING:

Adenovirus  
Bluetongue Virus  
Corona Virus  
Coxsackievirus  
Echovirus  
Encephalomyocarditis (EMS)  
Foot and Mouth Disease  
Hepatitis A, B  
Herpes Virus I  
Herpes Virus II  
HIV  
Influenza Virus  
Minute Virus of Mice (MVM)  
Mouse Flu  
Mouse Hepatitis Virus (MHV)  
Mouse Polio Virus (MEV)  
New Castle Disease Virus  
Para Influenza  
Parvovirus  
Pertiviries - Togavaridae  
Polivirus Type 1  
Rota Virus  
Vaccina Virus  
Vesicular Stomatitis Virus (VSV)

### FUNGI

#### INCLUDING:

Aspergillus Flavus  
Aspergillus Niger  
Botrytis cinerea  
Candida Albicans  
Eschopulariosis  
Fonsecaea Pedrosoi  
Fusarium Sp.  
Histoplasmosis  
Mucor Sp.  
Penicillium  
Rhodotorula  
Saccharomyces Cerevisiae  
Scopulariosis Sp.  
Trichophyton Mentagrophytes  
Trichophyton rubrum