

KNAMAX™

Advanced Ionic Mineral Technology for Total Cleanse and Disinfection
Food Grade /Non Toxic / Low Cost

Bacteria · Virus · Fungi

Overview



A concentrated sanitizing and disinfecting composition consisting of a mixture of natural mineral salts and substances selected from those authorized as edible and fully unrestricted food uses as contemplated within the Annex II Regulation EC 1925/2006, and Annex III of Regulation EC 1170/2009, selected from the Sodium (Na), Potassium (K) magnesium (Mg), Calcium (Ca) and many others comprised in the abovementioned regulation all in ionic form, to the point that it may form a concentrate suspension that may have enough reactive capacity to form once minced/poured into tap and/or purified water an ionic (electro-chemical reaction) that reduces, restructures and charges water with millions of electrolytes to the point that final solution is carrying and content enough power to produce the effect of Electro-Cell-Membrane Disruption and DNA micro-fragmentation® thus far killing effectively bacteria and de-structuring such to the extent that the sanitization/sterilization effect on foods and food preparations may reach a close-to-sterilization measurement point and/or gradient, (logarithmically expressed).

Active Ingredients

Mineral Salts and Substances as in Annex II of Regulation EC 1925/2006 and Annex III of Regulation EC 1170/2009 (Food-Grade) on a Bi-distilled Water Suspension.

(As Food-Grade product KNAMAX™ is exempted of Registration as Biocide)

Mode of Action

Disruption of Cell Membrane function causing rupture of cell wall and DNA micro-fragmentation.

Directions for Use

Despite KNAMAX™ is a Food – Grade product, it is served as a Reactive Concentrate, so please use it safely. For complete instructions on product safety, handling, transportation and use, please read information supplied and MSDS provided by ND Pharma & Biotech company. Please do not use this product in a manner contrary or inconsistent with labelling and indications for use. It may be a Law violation within different countries to use out of the purposes and indications from the manufacturer. The information contained herein is provided free of charge as a possible aid to use when considering the product. Please verify that the product satisfies your standards of use and meets all safety and health requirements for intended use as appropriate.

Effective tested against some Species including but not limited to:

- VIRUSES**
- Adenovirus Pneumonia
 - African Horse Sickness Virus
 - African Swine Fever Virus
 - Avian Influenza Virus
 - Avian Laryngotracheitis Viruses
 - Bovine Adenoviruses Type 4
 - Bovine Polyoma Virus
 - Bovine Pseudocox Virus
 - Bovine Viral Diarrhea Virus
 - Calf Rotavirus
 - Canine Adenovirus (Canine Hepatitis)
 - Canine Coronavirus
 - Canine Parainfluenza Virus
 - Canine Parvovirus
 - Chicken Anemia Virus
 - Coital Exanthema Virus
 - Distemper Virus
 - Duck Adenovirus
 - Duck Enteritis Virus
 - Egg Drop Syndrome Adenovirus
 - Equine Arteritis Virus
 - Equine Contagious Abortion Virus
 - Equine Herpes Virus (Type 1)
 - Equine Herpes Virus (Type 3)
 - Equine Infectious Anemia Virus (Swamp Fever)
 - Equine Influenza Virus (Type A)
 - Equine Influenza Virus (The Cough)
 - Equine Papillomatosis Virus
 - Feline Calicivirus
 - Feline Herpes Virus
 - Feline Infectious Peritonitis Virus
 - Feline Panleukopenia Virus
 - Feline Parvovirus
 - Feline Rhinotracheitis Virus
 - Foot and Mouth Disease Virus
 - Helicobacter pylori
 - Hog Cholera Virus
 - Infectious Bronchitis Virus
 - Infectious Bursal Disease Virus
 - Infectious Canine Hepatitis Virus
 - Infective Bovine Rhinotracheitis Virus
 - Leptospira Canicola Virus
 - Maedi-Visna Virus
 - Marek's Disease Virus
 - Mouse Parvovirus
 - Newcastle Disease Virus
 - PCVS Virus (PMWS)
 - Porcine Parvovirus
 - Porcine Reproductive and Respiratory

- Syndrom Virus (PRRS)
- Pseudorabies Virus (Aujeszky's Disease)
- Rotaviral Diarrhea Virus
- Simian Virus (SV40 Virus)
- Swine Influenza Virus
- Swine Vesicular Disease Virus
- Transmissible Gastroenteritis Virus (TGE)
- Turkey Herpes Virus
- Turkey Rhinotracheitis Virus
- Vesicular Stomatitis

- BACTERIA**
- Actinobacillus pleuropneumoniae
 - Bacillus cereus
 - Bordetella avium
 - Bordetella bronchiseptica
 - Brucella abortus
 - Campylobacter jejuni
 - Clostridium perfringens
 - Dermatophilus congolensis
 - Escherichia coli
 - Fistulous withers (Poll Evil)
 - Haemophilus somnus
 - Klebsiella pneumoniae
 - Listeria monocytogenes
 - Moraxella bovis (Pink Eye)
 - Mycoplasma gallisepticum
 - Mycoplasma hyopneumoniae
 - Mycoplasma mycoides
 - Pasteurella multocida
 - Pseudomonas aeruginosa
 - Pseudomonas mallei (Glanders)
 - Pseudomonas vulgaris
 - Salmonella choleraesuis
 - Salmonella typhimurium
 - Shigella sonnei
 - Staphylococcus aureus
 - Staphylococcus epidermidis
 - Streptococcus equi (Strangles)
 - Streptococcus pyogenes
 - Streptococcus suis
 - Taylorella equigenitalis
 - Treponema hyodysenteriae

- FUNGI**
- Aspergillus fumigatus
 - Fusarium moniliforme
 - Microsporium canis
 - Trichophyton mentagrophytes
 - Trichophyton spp. (Mud Fever)
 - Trichophyton spp. (Ringworm)



Physical Properties

Characteristics	Units	Value
Density @ 20°C	g/cm ³	1,31997
As	ppm	< 3,0
Carbonates	%	0,5000
Hg	ppm	<1,0
Pb	ppm	<0,50

Dilution Rates

KNAMAX TM	Water (in L.)	Value
100 cc	1	10% (10 L. of final Product)
50 cc	1	5% (20 L. of final Product)
30 cc	1	3% (33 L of final Product)

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