

Farm Fluid MAX

Dual active disinfectant designed for challenging farm conditions

Suitable for



DEFRA approved against Swine Vesicular Disorders (1:50), Foot and Mouth Disease Orders (1:1000), Tuberculosis Orders (1:20), General Orders (1:35) and Diseases of Poultry Orders (1:50)

At a 2% dilution Neogen Farm Fluid MAX performs above the European guided efficacy over the causative protozoa of Cryptosporidiosis, *cryptosporidium parvum*.

Farm Fluid MAX engages the inherent robustness and performance of the Farm Fluid brand with new enhanced efficacy to maximise its potential and to inactivate up to 100% sporulated and non-sporulated oocysts.

In addition to chlorocresol (CMK), Farm Fluid MAX engages a second biocidal active with supportive ingredients including a solvent for increased solubility, and surfactant to meet challenging farm conditions. Farm Fluid MAX is designed for general disinfection of animal housing, wheel dips and boot dips. Using a 2% dilution, Farm Fluid MAX can be applied as part of coccidiosis control protocols, within a designed Pathogen Programme.

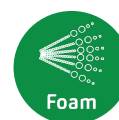
Why choose Farm Fluid MAX?

- Dual active biocide designed to meet challenging farm conditions
- Proven to break the protozoa cycle; effective at 2% dilution, on field strains of multiple *Eimeria oocysts*, including *E. tenella*, *E. maxima*, and *E. acervulina*
- Residual activity for the prolonged contact time required to challenge and destroy the oocysts



Application

- To be applied using spraying equipment
- Ideal for general disinfection of animal housing, inside and outside
- Can be used for wheel disinfection and in boot dips with no UV degradation
- Removable equipment can be immersed in a prepared solution
- Compatible chemistry for use within a Pathogen Programme



Instructions

Wear appropriate Personal Protective Equipment (PPE).

Within a Pathogen Programme, and for optimal performance, Farm Fluid MAX should be applied to a pre-cleaned, dry surface. The typical recommendation would be to clean (dry and wet protocols) all surfaces with Farm Foam™ EVO. Following this, the application of Viroxide Super as a first disinfectant is most beneficial, following the label instructions. As soon as the surfaces are dry, apply Farm Fluid MAX:

General purpose disinfection: Dilute at 1:200 and apply at the rate of 300 mL per square metre as a wet spray.

Targeted area application as part of a coccidiosis control programme: On housing floors and lower walls apply at 1:50 at a rate of 300 mL per square metre.

Removable equipment: Immerse in a solution diluted at 1:200 for a maximum of 30 minutes, remove, rinse with clean water and allow to dry before putting back in place.

Wheel /boot dips: Dilute at 1:100. Replace twice per week or when visibly soiled.

The Pathogen Programme targets viruses (enveloped and non-enveloped), mycoplasma (gram-positive and gram-negative), bacteria (gram-positive and gram-negative), yeast and protozoa.

Specification

Composition	Blend of CMK and glycolic acid
Colour	Midnight blue
Fragrance	Characteristic
Pack Size	5 L, 25 L, 200 L & 1000 L
Storage Conditions	Store in a cool, well-ventilated area. Keep container tightly closed



Farm-Foam EVO

Phosphate free foaming Alkaline Cleaner

Suitable for



Farm-Foam EVO is a phosphate free, foaming, alkaline cleaner used for the removal of organic soils. Farm-Foam EVO is ideal for the removal of faecal material and soil in all livestock premises, including hatcheries, swine houses and all other animal facilities.

Farm-Foam EVO helps removes dirt, grime, protein, and oils, as well as minerals and adherent films.

Why choose Farm-Foam EVO?

- Farm-Foam Evo is free from phosphate, glycol ester and chlorine
- Contains APG (Alkylpolyglycosides) which is a non-ionic surfactant
- Farm-Foam Evo also contains GLDA (Tetrasodium N,N-bis (carboxylatomethyl)-L-glutamate), which is a powerful chelating agent made from biodegradable and naturally occurring raw materials
- Farm-Foam Evo is easy to apply with excellent foaming capabilities and is easy to rinse away

Why use a phosphate free product?

The argument against phosphates in cleaning products occurs around what happens when a high concentration of phosphorus gathers in a body of water.

While normal levels of phosphorus can act as a nutrient for aquatic life, too much can cause eutrophication, where the algae in a lake, pond, or stream, overgrows and therefore limits the amount of oxygen the animal and plant life receives.

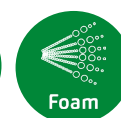
This is commonly referred to as an 'algae bloom'. Essentially algae in the water are over-fed and grow faster than the water can regulate itself.

Kersia understands this, which is why we have created Farm-Foam Evo to help tackle this problem. By using an alternative replacement, like Farm-Foam EVO we are contributing to restoring unnatural phosphate levels as much as possible, ultimately, allowing the ecosystem to self-regulate.



Application

1. Foaming (with associated foaming equipment)
2. Low pressure spraying
3. Immersing in a prepared solution (e.g. equipment, hatcher baskets)



When carrying out any of the following methods follow the equipment manufacturer instructions and recommended dilution. Rate found on the Farm-Foam EVO label.

Instructions

Wear appropriate Personal Protective Equipment (PPE).

Foam applications: Use a dilution of 1:100 (100 mL per 10 L of water) and apply using an appropriate foam generating lance. The foam should be allowed to remain in contact with the surface for 20-30 minutes. Rinse off the area with clean water using a power washer. Allow to dry before disinfection.

Low pressure spray cleaning: Recommended dilution 1:100 (100 mL per 10 L of water) depending on level of soiling; heavily soiled areas will require a higher concentration of solution. When time allows, pre-wet/soak surfaces before applying the prepared detergent solution. This step will reduce both the water and time consumed during the overall cleaning process. Apply 250-300 mL/sq m of prepared solution. Rinse the area with clean water using a power washer. Allow to dry before disinfection.

Manual cleaning and immersion of equipment: Prepare a fresh 1:100 (100 mL per 10 L of water) solution for soak tank or immersion cleaning. Scrub and rinse thoroughly in clean water after soaking. Replenish the solution daily.

Specification

General Surface Cleaners (all chlorine free)									
Product	pH	Open Biofilm	Dip Equipment	Wet Spray	Medium Foam	High Foam	Solvent	QAC	Recommended Dilution
Super-Foam Evo	Alkaline	Yes	Yes	Yes	-	Yes	Yes	-	1%
Farm-Foam Evo	Alkaline	Yes	Yes	Yes	-	Yes	-	-	1%

Composition	Alkaline blend of cleaning reagents and surfactants
Colour	Amber
Fragrance	Characteristic
Pack Size	5 L, 25 L
Storage Conditions	Store in a cool, well-ventilated area. Keep container tightly closed



Synergize[®]

Broad spectrum disinfectant blend of Quaternary Ammonium Chloride and Glutaraldehyde

Suitable for



A synergistic, formulated disinfectant engaging the combined activities of a Quaternary Ammonium Compound and Glutaraldehyde. Maximising the microbial power of both, in a noncorrosive, foaming, liquid disinfectant with a pleasant pine fragrance. Synergize is for a wide use of applications within your biosecurity protocols.

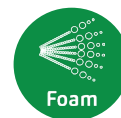
Why choose Synergize?

- Dual active formulation provides broad-spectrum efficacy
- Formulated for farm conditions
- Ideal for use across multiple applications for terminal and continuous disinfection
- Effective in hard and soft water
- Effective in the presence of organic matter
- Residual activity
- Excellent foaming quality to achieve optimum contact time with all surfaces including vertical and non-porous surfaces
- Non-corrosive to hard surfaces and equipment, including soft metals
- Low embryo toxicity concerns in poultry hatchery applications



Application

1. Foaming (with associated foaming equipment)
2. Spraying
3. Fogging/Misting (subject to local registrations)
4. Immersing in a prepared solution (e.g. equipment, hatcher baskets)



When carrying out any of the following methods follow the equipment manufacturer instructions and recommended dilution rate found on the Synergize label.

Instructions

Apply Synergize® disinfectant to a pre-cleaned, dry, surface whenever possible.

Routine hard surfaces: Apply a Synergize® solution diluted 1:400 at the rate of 300 mls per square metre and allow 30 minutes contact time.

Equipment: Immerse in a Synergize® solution diluted at 1:400 for 30 minutes, leave to dry before being placed back.

Boot baths: Ideally a two bath system with the first bath to clean the boots, aided by a stiff brush, with Synergize® in the second bath diluted at 1:40. Change the disinfectant solution every 2/3 days or when visibly dirty.

Vehicle disinfection: Using low pressure wet spray, or foam, and allowing a 5-minute contact time to the hard nonporous surfaces.

Specification

Composition	Quaternary Ammonium Compound and Glutaraldehyde
Colour	Pale yellow
Fragrance	Pine
Pack Size	5 L, 25 L, 200 L & 1000 L
Storage Conditions	Store and transport between 4°C – 38°C (40°F – 100°F). Incorrect storage or freezing may cause destabilisation of product



Viroxide Super[™]

Proven broad spectrum disinfectant with activity against bacteria, viruses, fungi and spores

Suitable for



Viroxide Super[™] is a peroxygen powder disinfectant that offers rapid broadspectrum disinfection and speed of kill as part of terminal disinfection, continual disinfection and emergency disease control programmes. Can be used in the presence of animals and users (subject to specific country regulations)

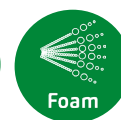
Why choose Viroxide Super?

- Superior oxidation at low pH for speed of kill
- Buffered formulation to stabilise acid conditions to improve oxidation
- Increased surfactant to aid disinfectant penetration and cleaning action
- Contains a short chain organic acid with properties known to interrupt the propagation of many viruses
- Components are readily biodegradable
- Easy to transport (non-hazardous for transport)
- Formulated with a 'ready-for-use' colour indicator system
- Proven to be non-corrosive to skin
- Can be misted in the presence of livestock



Application

1. Spraying
2. Fogging/Misting (subject to local registrations)
3. Immersing in a prepared solution (e.g. equipment, hatcher baskets)
4. Foaming (with associated foaming equipment)
5. Drinking water systems



When carrying out any of the following methods follow the equipment manufacturer instructions and recommended dilution rate found on the Viroxide Super label.

Instructions

Routine hard surfaces: Pressure washer or mechanical sprayer use dilution at 1:200.

Disinfection of equipment: Manual washing using a brush or pressure washer use dilution at 1:200.

Treatment of livestock drinking water systems: Routine disinfection use dilution at 1:100.

Continuous treatment of livestock drinking water systems: Manual dosing into header tank or via dosing system use dilution at 1:1000.

Continuous treatment of livestock drinking water systems: Automatic dosing at 1% from stock solution use dilution at 1:10.

Specification

Composition	A buffered blend of organic and inorganic compounds
Colour	Green powder
Fragrance	Apple fragrance
Pack Size	5 L, 25 L, 200 L & 1000 L
Storage Conditions	Store between 4C - 38C (40F-100F)



From Farm to Fork  kersia.

Viruat MAX

Broad spectrum disinfectant blend of Glutaraldehyde and Quaternary Ammonium Compound

Suitable for



Viruat MAX is a powerful disinfectant combining the dual biocidal activities of glutaraldehyde and quaternary ammonium compound for a broad spectrum of activity. This disinfectant is ideally suited for preventative, terminal and continuous biosecurity protocols with extra added surfactant.

Why choose Viruat MAX?

- Independently proven efficacy against bacteria, viruses and fungi
- DEFRA approved for Diseases of Poultry, General Orders and Swine Vesicular Disease (details on page 2)
- Residual activity on porous and semi porous hard surfaces
- Non-corrosive on hard surfaces
- Retains activity in the presence of organic matter
- Formulated to overcome hard water conditions
- Economic in use at guided dilutions
- Neutral pH when in use



Application

- Preventative, terminal and continuous biosecurity protocols
- Wet spray or foam spray of all hard surfaces in animal housing
- Immersing removable equipment for disinfection
- Boot dip and vehicle disinfection
- Thermal fog as a secondary disinfection (subject to local regulations)



Recommended routine disinfection dilutions

For optimal performance apply to a pre-cleaned, dry surface. Pre-clean with a Kersia detergent such as Farm-Foam Evo or Sureclean.

Area of disinfection	Dilution	Application
General Surface Disinfection	1 100 to 1 400	Prepare a Viruquat MAX solution diluted at 1:100 to 1:400 and apply at the rate of 300 ml per square metre as a wet spray or through suitable foaming equipment.
Removable Equipment	1:400	Immerse in a Viruquat MAX solution diluted at 1:400 for a maximum of 30 minutes, remove, rinse with clean water and allow to dry before putting back in place.
Boot Dips	1:100	Prepare a Viruquat MAX solution diluted at 1:100. Replace twice per week or when heavily soiled.
Vehicle Disinfection	1:100	For automated drive-through sprayer system or via pressure washer/knapsack sprayer prepare a Viruquat MAX solution diluted at 1:100.
Thermal Fog	1:4	Prepare a Viruquat MAX solution diluted at 1:4 applied at 9-10L/1000m ² with associated thermal fogging equipment, such as pulsFOG K10 or Igeba TF35/TF90. Allow 24 hours before placement of birds or livestock after the application.

Efficacy data

Pathogen	Pathogen Family	Micro-organism	Disease	Test	Dilution	Temp' °C	Contact Time (Minutes)
Bacteria	Gram negative bacteria	<i>Pseudomonas aeruginosa</i>	Respiratory signs in poultry/mastitis in cows/Otitis in dogs	EN 1656	1 to 400	10	30
Bacteria	Gram-negative bacteria	<i>Proteus hauseri</i>	Gastroenteritis, urinary tract and wound infections	EN 1656	1 to 800	10	30
Bacteria	Gram-positive bacteria	<i>Staphylococcus aureus</i>	Abscesses, Arthritis, Mastitis, Skin conditions	EN 1656	1 to 400	10	30
Bacteria	Gram-positive bacteria	<i>Staphylococcus aureus</i>	Abscesses, Arthritis, Mastitis, Skin conditions	EN 1656	1 to 200	4	5
Bacteria	Gram-positive bacteria	<i>Enterococcus hirae</i>	Endocarditis and Septicaemia in broiler flocks	EN 1656	1 to 400	10	30
Yeast	Saccharomycetaceae	<i>Candida albicans</i>	Mycotic disease of the digestive tract of various avian species	EN 1657	1 to 800	10	30
Fungi	Trichocomaceae	<i>Aspergillus fumigatus</i>	Major respiratory challenge in birds leading to Aspergillosis	EN 1657	1 to 50	20	30
Non-enveloped virus	Picornaviridae	<i>Enterovirus</i>	Swine vesicular disease: vesicular lesions appear on the feet and snout and in the mouth	DEFRA	1 to 100	4	30
Enveloped virus	Paramyxoviridae	<i>Newcastle disease virus</i>	Highly infectious disease to the respiratory, nervous and digestive systems	DEFRA	1 to 100	4	30
Bacteria	Gram negative bacteria	<i>Salmonella Enteridis</i>	Salmonellosis	DEFRA	1 to 50	4	30

This disinfectant has been approved for disinfection of inanimate surfaces where an approved product is required to be used under the control legislation for the following specific disease(s) orders;

- Swine vesicular disease at the dilution rate of one part of this preparation plus 100 parts of water;
- Poultry diseases including avian influenza, influenza of avian origin in mammals, Newcastle disease, paramyxovirus at a dilution rate of one part of this preparation plus 100 parts of water;

This disinfectant has also been approved at a dilution of 1 part of this preparation plus 50 parts water for disinfection of inanimate surfaces where General Orders require the use of an approved disinfectant, but this approval does not apply to disinfection required under the specific control legislation relating to Foot and Mouth disease, or Tuberculosis disease.

This approval is granted under the Diseases of Animals (Approved Disinfectants) Orders made by the Secretary of State for Environment, Food and Rural Affairs in England, Scottish ministers in Scotland and Welsh ministers in Wales. For confirmation of continuing approval refer to the Defra list of approved disinfectants at <http://disinfectants.defra.gov.uk>

The contents of this container are guaranteed by the manufacturer to be of the same composition and quality as the sample submitted for approval testing. Defra-approved disinfectants | Disinfectants approved for statutory notifiable animal disease control in GB.

Specification

General properties	A red clear liquid blend of Glutaraldehyde and Quaternary Ammonium compound
Pack Sizes	5 L, 25 L, 200 L and 1000 L
Storage Conditions	Use biocides safely. Always read the label and safety data sheet before use, providing the necessary personal protective equipment to operators



From Farm to Fork 

HYDRALYTE

A LIQUID COMPLEMENTARY FEED FOR POULTRY

AIDS REHYDRATION AND REPLACES ESSENTIAL ELECTROLYTES

- Ideal for poultry during times of stress
- Aids rehydration and encourages birds to drink
- Contains essential potassium, sodium and magnesium salts in a citric acid mix



RECOMMENDED USAGE



Dilute 1 litre of Hydralyte in 1000 litres of clean water at the following intervals:

3 days prior to movement from rearing farms.
3 days on arrival at laying farms.
3 days post vaccination & drug treatment.
3 days following transportation.
During periods of heat stress.

At all times of disease challenge and other stress factors.

This is not a veterinary medicinal product.

Specification per litre: Potassium Salt 59g, Sodium Salt 16g, Magnesium Salt 5g

Composition: Potassium Chloride, Sodium Chloride, Magnesium Sulphate

Analytical Constituents: Crude Protein <0.6%, Crude Oil & Fat <0.3%, Crude Ash 4.1%, Crude Fibre <0.1%, Sodium 0.6%, Moisture 93.4%

Storage: Store between 5-25°C in original container

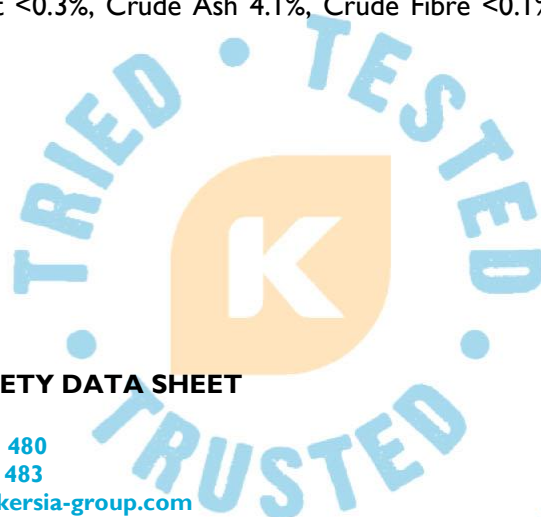
Pack Size: 4x5 Litre, 25 Litre, 1000 Litre

Shelf Life: 2 years from date of manufacture

FOR HEALTH & SAFETY INFORMATION, REFER TO THE SAFETY DATA SHEET

KILCO (INTERNATIONAL) LTD.
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OLD GLASGOW ROAD, LOCKERBIE.
DG11 2SD

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Email: enquiries.uk@kersia-group.com



ECOFOAM ADVANCED

ULTRA-HIGH PERFORMANCE ALKALINE LONG CLING FOAM CLEANER

- For fat and protein removal on heavily soiled areas
- Long cling foam
- Remains fully effective regardless of water hardness



RECOMMENDED USAGE



Application

Use to spray the roof, walls and posts with a pressure washer set at a low pressure with a wide angled jet or via foam generating equipment.

Remove all gross soiling. Foam all surfaces with Ecofoam Advanced. Wash down thoroughly with clean water.



Dilution Rates

Apply via a foaming lance at a dilution rate of 1:100 for normal conditions or 1:50 for heavy soiling. Leave for 10 - 30 minutes dependent on the level of soiling then rinse off thoroughly with clean water.



Composition

A formulation of chelating agents, surfactants and alkaline builders.



Storage: Store in a dry place away from acids

Pack Size: 4x5, 25, 200 & 1000 litre

Shelf Life: 2 years from date of manufacture



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SOLV-ES

A CONCENTRATED VITAMIN LIQUID COMPLEMENTARY FEED CONTAINING THE FAT SOLUBLE VITAMIN E AS WELL AS SELENIUM FOR LIVESTOCK

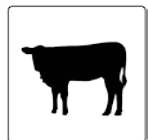
- **Helps maintain the immune system**
- **Aids in the management of weak or stillborn progeny**
- **An aid in managing low Vitamin E and Selenium status in growing & breeding flocks**
- **Helps maintain satisfactory fertility & hatchability in breeder flocks**
- **Benefits flocks coping with vaccination, environmental or management stress**

RECOMMENDED USAGE



Dilute per 100 litres of clean water for 3 days and then as required.

Sows	10-30 ml	Young Stock	20-30 ml
Piglets	2-5 ml	Dairy Cattle	30-60 ml
Slaughter Pigs	5-15 ml	Sheep	5-15 ml
Calves	10-20 ml	Poultry	10-25 ml



This is not a veterinary medicinal product.



Composition (per litre): Mono Propylene Glycol

Specification:

Vitamin E (as α -tocopherol acetate) 50,000 IU
Selenium 100 mg



Nutritional additives (kg):

Vitamin E (3a700)- 50,000 IU
Selenium (E8 Sodium Selenite)- 250 mg

Storage: Store between 5-25°C, in a cool dark place

Pack Size: 12x1 & 4x5 litre

Shelf Life: 2 years from date of manufacture

FOR HEALTH & SAFETY INFORMATION, REFER TO THE SAFETY DATA SHEET

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