

EFFICACY OF MULTICIDE 150 (SWINE)

Viruses

Pathogens	Diseases	Multicide 150 dilution rate
Porcine Parvovirus	Abortion, Stillbirths, Infertility	1:180
Porcine Enterovirus	S.V.D.	1:300
Herpesvirus	Aujeszky's Disease	1:1400
TGE Virus	Transmissible Gastroenteritis	1:900
Porcine Enterovirus	Teschen or Talfan Disease	1:300
Pestivirus	Hog Cholera, Classical Swine Fever	1:200
Vesiculovirus	Vesicular Stomatitis	1:150
Influenza Virus	Swine Influenza	1:150
Suipoxvirus	Swine Pox	1:500
Rotavirus	Diarrhoea	1:200
Porcine Adenovirus Types 1-4	Respiratory Disease, Diarrhoea, Meningitis	1:500

Bacteria

Pathogens	Diseases	Multicide 150 dilution rate
<i>Pasteurella</i> spp.	Septicaemia, Atrophic Rhinitis, Swine Plague	1:200
<i>Streptococcus</i> spp.	Porcine Streptococcal Meningitis	1:500
<i>Staphylococcus</i> spp.	Joint-III, Mastitis	1:1500
<i>Escherichia coli</i>	Scour, Diarrhoea	1:1500
<i>Klebsiella pneumoniae</i>	Mastitis	1:3500
<i>Salmonella</i> spp.	Salmonellosis, Septicaemia	1:150
<i>Corynebacterium</i> spp.	Mastitis, Foot-Rot, Cystitis	1:7000
<i>Mycoplasma</i> spp.	Enzootic Pneumonia, Atrophic Rhinitis, Polyarthrits	1:200
<i>Haemophilus</i> spp.	Glassers Disease, Pleuro-Pneumonia	1:1600
<i>Pasteurella</i> spp.	Septicaemia, Atrophic Rhinitis	1:3200
<i>Erysipelothrix</i> spp.	Abortion, Septicaemia, Arthritis	1:8000

Fungi

Pathogens	Diseases	Multicide 150 dilution rate
<i>Aspergillus flavus</i>	Mycotoxicosis	1:1000

Others

Pathogens	Diseases	Multicide 150 dilution rate
<i>Eimeria tenella</i>	Coccidiosis	1:100

EFFICACY OF MULTICIDE 150 (AVIAN)

Viruses

Pathogens	Diseases	Multicide 150 dilution rate
Avipox Virus	Fowl Pox	1:150
Herpesvirus	Marek's Disease	1:1400
Adenovirus	Egg Drop Syndrome	1:500
Rotavirus	Gumboro/IBD Tenosynovitis	1:200
Paramyxovirus	Newcastle Disease	1:150
Influenza Virus	Fowl Plague	1:150
	Highly Pathogenic Avian Influenza	1:400
Reovirus	Runting & Stunting Disease	1:200

EFFICACY OF MULTICIDE 150 (AVIAN) continued

Bacteria

Pathogens	Diseases	Multicide 150 dilution rate
<i>Mycoplasma</i> spp.	Upper Respiratory Infection	1:200
<i>Escherichia coli</i>	Colibacillosis	1:1500
<i>Salmonella enteritidis</i>	Salmonellosis	1:150
<i>Chlamydia psittaci</i>	Chlamydiosis	1:1000
<i>Pasteurella</i> spp.	Infectious Serositis (Fowl Cholera)	1:200
<i>Listeria monocytogenes</i>	Septicaemia Listeriosis	1:200
<i>Erysipelothrix rhusiopathiae</i>	Erysipeloid Infection (Turkeys)	1:8000
<i>Staphylococcus</i> spp.	Runting & Stunting Disease	1:1500
<i>Streptococcus faecalis</i>	Streptococcosis	1:500

Fungi

Pathogens	Diseases	Multicide 150 dilution rate
<i>Aspergillus flavus</i>	Mycotoxicosis	1:1000

Others

Pathogens	Diseases	Multicide 150 dilution rate
<i>Eimeria tenella</i>	Coccidiosis	1:100

EFFICACY OF MULTICIDE 150 (RUMINANT)

Viruses

Pathogens	Diseases	Multicide 150 dilution rate
Adenovirus	Pneumonia, Pneumoenteritis	1:100
Capripoxvirus	Sheep Pox	1:150
Bovine Herpesvirus	Bovine Rhinotracheitis	1:1400
Morbillivirus	Rinderpest	1:750
F. M. D. Virus	Foot and Mouth Disease	1:80
Rotavirus	Diarrhoea	1:200
Orthopoxvirus	Cowpox	1:500
Flavivirus	Louping Ill	1:200
Parainfluenza 3 Virus	Acute Upper Respiratory Infection	1:750
Pestivirus	Bovine Virus Diarrhoea, Mucosal Disease	1:200

Bacteria

Pathogens	Diseases	Multicide 150 dilution rate
<i>Escherichia coli</i>	Coliform Mastitis, Toxaemia, Diarrhoea	1:1500
<i>Staphylococcus aureus</i>	Mastitis Dermatitis	1:1500
<i>Streptococcus agalactiae</i>	Mastitis	1:2000
<i>Salmonella dublin</i>	Septicaemia, Enteritis	1:1500
<i>Pasteurella multocida</i>	Haemorrhagic Septicaemia	1:3200
<i>Pseudomonas aeruginosa</i>	Mastitis	1:5000
<i>Chlamydia</i> spp.	Enzootic Ovine Abortion	1:1000
<i>Brucella abortis</i>	Brucellosis	1:60

Fungi and moulds

Pathogens	Diseases	Multicide 150 dilution rate
<i>Aspergillus</i> spp.	Jaundice	1:1000
<i>Trichophyton</i> spp.	Ringworm	1:50



**FAST ACTING
LONG LASTING
HIGH QUALITY**

DISINFECTANT

MULTICIDE

**PROVEN TO KILL THE
AVIAN 'FLU VIRUS**



**Available in
5 and 20 Litre packs**



Meriden
ANIMAL HEALTH

What is Multicide 150?

Multicide 150 is a broad spectrum, fast acting, long lasting disinfectant.

Composition of Multicide 150

Glutaraldehyde 30% w/v (50% w/w active)
Quaternary ammonium compounds 20% w/v (50% w/w active). The specific composition of Multicide 150 creates a synergistic effect of the active components creating a powerful yet safe disinfectant.

Advantages

Total spectrum of activity - hydro & lipophilic viruses Gram +ve and Gram -ve bacteria, fungi, moulds, yeasts, mycoplasmas, protozoa.

- Very effective even in dirty conditions
- Residual activity up to 7 days
- Low toxicity
- Non corrosive in diluted form
- Biodegradable
- Stable even when diluted
- Mixes in cold water
- Effective at all temperatures
- Suitable for wide range of uses including fogging in presence of livestock
- Certified ISO 9002, BS 5750, EN 29002
- Cost effective
- Fragrance added

Viral Activity

Multicide 150 is highly effective on the important viral challenges facing livestock - including Swine Vesicular Disease (S.V.D.), Foot and Mouth Disease (F.M.D.), Gumboro etc. Dilution rates for specific viruses can be found overleaf and on the website.

Bacterial Efficacy

Multicide 150 is highly effective against bacteria **Gram -ve:** Salmonellas, pseudomonas, blucella, haemophilus etc.

Gram +ve: Streptococci, staphylococcus, listeria etc. As well as mycoplasmas, *Eimeria tenella* etc. Full details including dilution rates for specific bacteria can be found overleaf and on the website.

Fungi

Multicide 150 is highly effective against a wide range of fungi including *Penicillin verrucosum*, *Aspergillus flavus* etc. This fungal activity is highly beneficial in livestock related applications, as well as other uses such as horticultural (e.g. mushroom production).

Stability and Residual Activity

Stability: Tests on the concentrated product demonstrates that no measurable degradation occurred over a period of 3 years. Tests with the product diluted at a rate of 1:50 showed no drop in efficacy over a 12 month period. The conclusion of the tests being that Multicide 150 is a highly stable product.

Residual activity: Tests conducted under field conditions in poultry houses with birds present found residual activity provides a great potential benefit in the ongoing control of pathogens.

Dilution Chart

Livestock Units	Dilute at 1:150 and use 100ml of diluted product per square metre (increase to 300ml per square metre on porous surfaces).
Fogging Over Livestock	Dilute at 1:150 and apply at rate of 1 litre of diluted product per 100 square metre of floor area.
Foot Dips	1:50
Vehicles	Normal routine spray vehicles with product diluted at rate of 1:150, in case of known disease problem increase concentration to rate of 1:150.
Egg Washing/Disinfecting	1:200
Teat Dipping of Dairy Cows	1:200
Drinking Water Sanitation (Pig/Poultry)	1:3000

Specific pathogen dilution rates may be found overleaf and on the website:
www.meriden-ah.com.



MULTICIDE 150

THE BROAD SPECTRUM DISINFECTANT FOR ALL LIVESTOCK

MULTICIDE 150 is a highly effective blend of Glutaraldehyde and Quaternary Ammonium Compounds, giving the broadest spectrum disinfectant.

BENEFITS: Kills all pathogen types, including bacteria, moulds, fungi, coccidia, all virus types, mycoplasma etc. Residual effect of several days. Stable when diluted. Mixes readily with hot or cold water.

DIRECTIONS FOR USE: For terminal disinfection in livestock units, dilute Multicide 150 at 1:150 and spray at the rate of 100ml of diluted product per square metre of surface area on non porous surfaces and 300ml per square metre on porous surfaces.

Where there is a known disease problem, use a dilution of 1:50 until the problem is controlled. For the control of fungi, e.g. ringworm, use a dilution of 1:50. For foot dips use a dilution of 1:50. For fogging over livestock, dilute Multicide 150 at 1:150 and use 1 litre of diluted product per 100 square metres of floor area - normally twice per week would be sufficient. Regular use of Multicide 150 will prevent the build up of harmful pathogens which will give a healthier environment and healthier animals and birds.

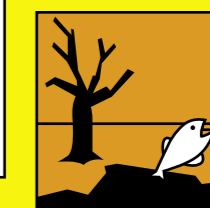
SAFETY PRECAUTIONS

R 34: Causes burns. R 20/22: Harmful by inhalation and if swallowed. R 42/43: May cause sensitisation by inhalation and skin contact. S 23: Do not breathe vapour/spray. S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39: Wear suitable protective clothing, gloves and eye/face protection. Use only in well ventilated areas. S 38: In case of insufficient ventilation, wear suitable respiratory equipment. Keep away from food, drink and animal feeding stuffs. S 45: In case of accident or if you feel unwell, seek medical advice immediately. (Show the label where possible). S 61: Avoid release into the environment. Refer to special instructions/safety data sheets.

UN 1760

CORROSIVE

Contains:
Glutaraldehyde (15%)
and Quaternary
Ammonium
Compounds
(alkyl dimethyl benzyl
ammonium chloride 10%)



Multicide 150 in undiluted form: R 50: Very toxic to aquatic organisms. N - Dangerous for the environment

KEEP ALL CHEMICALS AWAY FROM CHILDREN

AVAILABLE IN 5 AND 20 LITRE PACKS

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DO NOT STORE BELOW 4° C