



DXT27

General Purpose Disinfectant Cleaner

DXT27 Surface Disinfectant is an aqueous disinfection and cleaning concentrate based on highly effective quaternary ammonium biocides, surfactants and other auxiliary ingredients.

DXT27 eradicates viruses and bacteria such as

- MRSA
- Legionella
- Avian Influenza (H5N1 bird flu)
- Acinetobacter
- Aspergillus
- E.Coli
- Clostridium Difficile
- Swine Flu (H1N1) – 4 log reduction (over 99.99% eradication of virus) at 1% dilution

High levels of persistence – **DXT27** maintains biocidal action for prolonged period.

Formulation registered with:

Switzerland

Federal Health Office, Switzerland (BAG); registration: N° CHZN0905, 10 March 2009

Spain

Ministry of Agriculture, Madrid; Veterinary application, Registration N° 0946-P, 27 May 2009


Manufactured in the UK under ISO 9001 conditions

Product sizes: 1 metric tonne IBC, 25 litre drum, 5 litre canister.

Areas of application:	DXT27 Surface Disinfectant is used in areas where hygiene is particularly important, e.g. health care facilities, animal, livestock & poultry houses, kitchens, bathrooms & general commercial work places.
Characteristics:	<p>The product is based on a 'twin chain' type of quaternary ammonium compound giving improved performance over traditional products.</p> <p>DXT27 can be characterised as follows:</p> <ul style="list-style-type: none">• fast acting.• long lasting, effective for several days.• tolerant of anionic contaminants.• effective in hard water areas.• maintains efficacy in presence of high organic loads such as blood and proteins.• good surfactant and wetting properties.• good cleaning properties.• free of aldehydes, halogens & phenols• broad spectrum of activity against both gram positive and gram negative bacteria, viruses and fungi.• Active against enveloped viruses (e.g. HIV, hepatitis B)• Proven against H5N1, H1N1, MRSA, C Diff spores and many other pathogens

Dilution rates for use:	
1%	5%
<p>General Purpose disinfectant For areas requiring low-level disinfection such as domestic or home use, or for food preparation surfaces in kitchens.</p> <p>Professional & Pandemic Flu protection For areas requiring low-level disinfection. Can be used via fogging machine. Shown to be effective against H5N1 Avian Influenza and H1N1 Swine Flu</p> <p>Animal & Poultry For use with fogging machine & general disinfection of poultry sheds</p> <p>Equine For use with fogging machine</p>	<p>Professional For use in heavily soiled areas, commercial and healthcare premises, presence of blood and/or faeces, hospital equipment etc.</p> <p>Animal & Poultry For use in heavily soiled areas, and in the presence of blood and/or faeces</p> <p>Equine For use in heavily soiled areas, and in the presence of blood and/or faeces</p>

Methods of Application: Cloth, Mop & Bucket; ULV Fogging Machine; Trigger Spray;

Instruction for Use:	<p>DXT27 Concentrated product should be diluted with water prior to use depending upon application. For retail and industrial sector. Do not mix with other cleaning agents. Remove heavy soil deposits from surface. Then thoroughly wet surface with the appropriate dilution of the concentrate per liter of water or equivalent depending on the application. The use-solution can be applied with a cloth, mop, sponger or soaking. Rinse or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Prepare a fresh solution daily or more often if the solution becomes visibly dirty or diluted.</p>	
Physical properties: (Concentrate)	<p>Appearance: clear liquid</p> <p>Density: 1.06 g/cm³ at 20°C</p> <p>pH (concentrate): ca. 12.9</p> <p>pH (1% aq. Solution): ca. 11.2</p> <p>Surface tension, 1 % aqueous solution: 29 mN/m</p> <p>Active Biocidal Ingredient: Didecyl dimethyl ammonium chloride</p> <p>Viscosity at 23°C: 30 mPa·s (spindle 1, 10 rpm, Brookfield)</p> <p>Shelf Life: 3 years in sealed original container</p>	
<p>Regulatory information (Concentrate)</p> 	<p>R-phrases: 35 Causes severe burns. 37 Irritating to respiratory system.</p> <p>S-phrases: 1/2 Keep locked up and out of the reach of children. 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 36/37/39 Wear suitable protective clothing, gloves and eye/face protection. 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). 56 Dispose of this material and its container to hazardous or special waste collection point.</p> <p>Use biocides safely. Always read the label and product information before use. Handling & Storage – refer to MSDS</p>	