



S A N O G E N E F O R V E N D I N G

Sanogene is ideal for vending machine disinfection - a powerful protection against bacteria and biofilm contaminations.

Sanogene is a unique aqueous solution of stabilised chlorine dioxide, very different from other disinfectants which are commonly based on chlorine formulations.

S A N O G E N E I S

Highly cost effective
Easy to use
Non corrosive at use concentrations
Unaffected by water pH
Unaffected by water hardness
Unaffected by water temperature
Maintains effectiveness over time
Has minimal environmental impact

S A N O G E N E A N D B I O F I L M S

Sanogene removes biofilms. Problematic organisms such as Legionella, Listeria, Pseudomonas and others live within biofilms which are not affected by the application of chlorine based disinfectants.

Sanogene penetrates the biofilm and breaks down the matrix which binds the layers together. Both the Health and Safety Executive and The World Health Organisation state that biofilm control is the key to maintaining water quality.

S A N O G E N E S A C H E T

Sanogene brings the superior oxidising power of chlorine dioxide to a wide variety of disinfection and odour control applications in a simple to use two part sachet.

Sanogene is probably the most powerful disinfectant available in such a small package. It is active against bacteria, viruses, mould, fungi and yeasts.

S A N O G E N E P O W E R

More biocidal activity against *P.aeruginosa*, *S.aureus* and *S.cerevisiae* than chlorine disinfectants, an iodophor, a peroxide, a glutaraldehyde-phenol, an acid glutaraldehyde, a QAC, a phenolic and paracetic acid.

More effective against Listeria and Pseudomonas biofilm on stainless steel surfaces than chlorine, iodophors or QAC's.

Proven effective against, Biofilm, Legionella pneumophila, E.coli 0157:H7 and many of the bacteria and viruses of concern to human health.

Completely virucidal in short contact time against Hepatitis B on various materials contaminated by HBV-infected blood serum.

Sanogene rapidly destroys bacterial spores, i.e. *A.fumigatus*, *B.subtilis* and other non-sporing bacteria including *M.tuberculosis*, *M.chelonae* and other atypical Mycobacteria and *P.aeruginosa*.

Sanogene is a powerful oxidiser of odour compounds of both organic and inorganic origin, destroying the odour, not masking it.

S A N O G E N E 100% ACTIVE

Sanogene is always freshly prepared so it delivers maximum efficacy 100% of the time.

Sanogene solutions remain active for up to 7 days and are highly effective with rapid kill time, - ideal when time is at a premium.

Sanogene sachets provide a fixed amount of disinfection so jobs can be accurately costed.

S A N O G E N E C O N V E N I E N C E

Sanogene sachets are packed in boxes of 20. A two-part sachet contains 25ml Sanogene + 10ml citric acid solution activator.



S A N O G E N E disinfecting system

SANOGENE disinfecting system

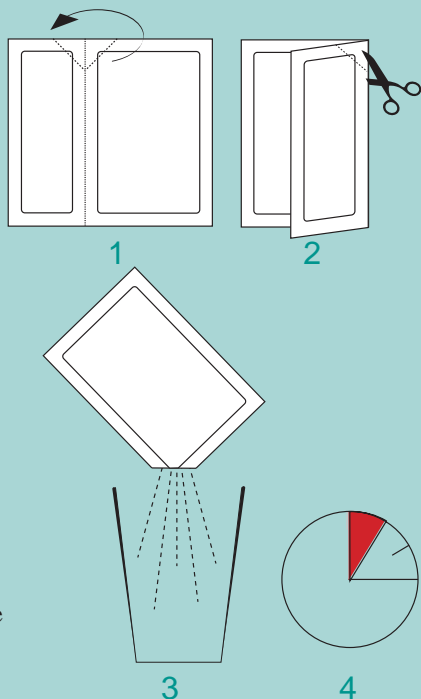
Sanogene sachet Usage Instructions

Preparation

1. Put on protective gloves.
2. Fold sachets along the perforated line dividing the sachets and snip off the common corner of both sachets.
3. Pour the entire contents of both sachets into a small cup or container. Prepare in a well ventilated area. Avoid breathing any fumes which may be produced during activation. Do not activate in a closed container.
4. Leave to activate for 5 minutes. (The solution will turn yellow).

Dilution

1. After 5 minutes, *no more no less*, dilute the active solution from one sachet according to the chart below. Do not store active concentrate.



Follow all usage instructions carefully and read the Material Safety Data Sheets prior to use. Always use freshly prepared solutions. Dilute solutions will remain active for at least one week if kept in the dark. Wear suitable personal protective equipment when spraying or fogging solutions. A full or half face mask should be worn with a filter approved for chlorine and acid vapours when spraying or fogging in confined spaces, or where the occupational exposure limit for chlorine dioxide is likely to be exceeded. A workplace COSHH assessment should be carried out prior to application.

The information is based on the present state of our knowledge of the product at the time of publication and is given in good faith. Users must satisfy themselves that the product is suitable for application.

USE	DILUTION Sachet to litres of water	SOLUTION STRENGTH ppm	APPLICATION
Shock disinfection of water system or as a way of introducing disinfection through system - ie typically through filter cartridge.	1 : 1	500	Ensure thorough mixing in water tank. Fill water distribution system and soak for 30 minutes thoroughly flush from system to foul sewer. Use to soak components.
Fill and soak disinfection of water system on site.	1 : 5	100	Ensure thorough mixing. Pass to water distribution. allow to soak for 30 minutes. Thoroughly flush from system to foul water.
Fill and soak disinfection of water systems in workshop environment.	1 : 10	50	Ensure thorough mixing in water tank. Fill system and leave to soak one hour. Thoroughly flush from system to foul sewer. Use to soak components.
Disinfection of environmental and porous surfaces.	1 : 1	500	Spray, fog or wipe. Reapply if surface dries within 10 minutes of application. If possible, rinse surface with clean water.
Non-porous surfaces/processing equipment (tile, stainless steel, plastic, etc.)	1 : 5	100	Spray, fog or wipe. Reapply if surface dries within 1 minute of application. If possible, rinse surface with clean water.

Distributed to the food industry by:

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