



ZHIVAS LTD

INSTRUCTIONS FOR USE

SANIFORT

Broad-spectrum chlorine-based concentrate for high-level disinfection of large surfaces and water.



APPLICATION:

Sanifort granulate is a highly effective preparation which works in very low concentrations and has a broad spectrum of applications.

It is intended for:

- Disinfection of various water resistant surfaces and objects in healthcare institutions and hospitals, public (for children and social) establishments, public transport, food processing and pharmaceutical industries, surfaces and objects in veterinary clinics, laboratories and stockbreeding premises.
- Disinfection of white textiles – (hospital linen, cloths, towels).
- Disinfection of kitchenware and cutlery.
- Disinfection of glassware in food production establishments
- Disinfection of sanitary units (sinks, baths, lavatories)
- Building of disinfection barriers at local infectious outbreaks (foot and mouth disease, bird flu, animal plague) in food-processing industry and checkpoints.

Sanifort granulate is also applied for disinfection of potable water and water in swimming pools.

PROPERTIES

SANIFORT granulate is a highly concentrated chlorine based preparation. The sodium dichloroisocyanurate contained in it has a powerful germicidal effect on the vegetative forms of gram-positive and gram-negative bacteria, fungi, protozoa, algae, viruses and spores. Sanifort is applied in the form of water solution where it dissolves quickly and completely. The free active chlorine level needed to trigger the germicide action of the product is attained instantaneously.

The working solutions are not inactivated by organic matter. They release slight chlorine scent, which completely disappears after the expiration of the exposition time. There are no special requirements for the temperature and hardness of the water when the working solution is prepared and it is good for use for up to 7 days when stored in a dark and cool place.

The working solutions of Sanifort granulate have a slight whitening effect.

Appearance: White granules
pH (1% solution) 5.5-7.0

COMPOSITION:

Each 100 g Sanifort granules contain:

99 g Sodium dichlorisocyanurate dihydrate CAS №51580-86-0 (active chlorine 53 -56g)

SPECTRUM OF ACTIVITY:

Bactericidal, mycobactericidal (incl.Tbc), fungicidal, algicidal, virucidal and sporicidal.



Microbiological activity	Concentration	Test method	Exposition
Bactericidal (<i>P.aeruginosa</i> , <i>S.aureus</i> , <i>E.coli</i>)	Gran. 0.025 % (2.5g/10l)	EN 13697	20 min
Bactericidal (<i>P.aeruginosa</i> , <i>S.aureus</i> , <i>E.coli</i> , <i>E.hirae</i>)	Gran. 0.05 % (2.5g/5l)	EN 1276	20 min
Fungicidal (<i>C.albicans</i> , <i>A.niger</i>)	Gran. 0.025 % (2.5g/10l)	EN 13697	20 min
Fungicidal (<i>C.albicans</i> , <i>A.niger</i>)	Gran. 0.05 % (2.5g/10l)	EN 1650	20 min
Mycobactericidal/tuberculocidal (<i>M.terrae</i> , <i>M.avium</i>)	Gran. 0.05 % (2.5g/5l)	EN 14348	20 min
Virucidal (<i>Polio</i> , <i>Adeno</i> , <i>HAV</i> / <i>HBV</i> ,/HIV)	Gran. 0.05 % (2.5g/5l)	EN 14476	20 min
Sporicidal (<i>Bacillus subtilis</i>)	Gran. 0.05 % (2.5g/5l)	EN 14347	20 min

PREPARATION OF WORKING SOLUTIONS AND METHOD OF APPLICATION

A/ General disinfection

SANIFORT granulate is a highly concentrated preparation and should be applied according to the recommended concentrations and exposition times (see the dosing table below).

To prepare the working solutions, the appropriate amount of the preparation is added to the water with the help of a measuring spoon. The solution is ready for use after about 5 minutes after even stirring.

Depending on the treated objects, the disinfection is done by wiping, spraying, dipping or wetting. After the expiration of the exposition time, no further rinsing with water is required.

When constructing disinfecting barriers, disinfection is carried out by passing through the barrier.

Dosing table

Disinfection object	Concentration of the working solution	Spectrum of activity	Exposition
Surfaces in zones with lower risk	0.025% 2,5 g / 10 l water	Bactericidal, fungicidal and virucidal.	20 min
Surfaces in zones with higher risk	0.05% 5 g / 10 l water	Bactericidal, mycobactericidal, fungicidal ,virucidal and sporicidal	20 min
Kitchen utensils, cutlery Glass packaging in food production establishments	0.05% 5 g / 10 l water	Bactericidal, mycobactericidal, fungicidal ,virucidal and sporicidal	20 min
Sanitary units	0.05% 5 g / 10 l water	Bactericidal, mycobactericidal, fungicidal ,virucidal and sporicidal	20 min
White textiles	0.025% - 0.05% 2,5 - 5 g / 10 l water	Bactericidal, mycobactericidal, fungicidal ,virucidal and sporicidal	30 min (bleaching effect)
Glassware	0.05% 5 g / 10 l water	Bactericidal, mycobactericidal, fungicidal ,virucidal and sporicidal	20 min
Disinfection barriers	0.05% 5 g / 10 l water water	Bactericidal, mycobactericidal, fungicidal and virucidal	3 min



*Do not apply with other disinfectants or detergents. It could release hazardous gases (chlorine).

B/ DISINFECTION OF POTABLE WATER AND WATER IN SWIMMING POOLS

When applying Sanifort granules for the disinfection of drinking water or water in swimming pools, the preparation is dosed according to the quality (chlorine absorption) and the amount of water, and after 30 minutes of contact with drinking water, the concentration of free residual chlorine should be within the limits of:

- Potable water 0.3-0.4 mg/L.
- Swimming pool water 0.2-0.5 mg/L

When applying Sanifort granules, use a measuring spoon in the package to measure the amount of preparation required. Dispense the working solution directly on the surface of the treated water.

We recommend the following dosage:

TYPE OF WATER		Dosage per 1000 l water	Exposition
Potable water	Covered water supplying facilities – cisterns, tanks, water-mains, reservoirs	1-2 g	30 min (active chlorine 0.3 - 0.4 mg /L)
	Water sources (springs, wells, etc.)	5 -10 g	120 min (active chlorine 0.3 - 0.4 mg /L)
Swimming pools (fresh water)	Hyper chlorination at first filling	10-20 g	12 hours
	Maintaining disinfection	0.5-1.0 g	1 – 2 times daily (active chlorine 0.2 - 0.5 mg / L)
Swimming pools (sea water)	Hyper chlorination at first filling	20-40 g	12 hours
	Maintaining disinfection	3 -5 g	1 - 2 times daily (active chlorine 0.2 - 0.5 mg / l)

Storage conditions

Keep out of the reach of children. Store in unopened original packaging, in dry and well ventilated premises away from direct sunlight at temperatures below 35 °C.

Precautions

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If in



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contact with skin, rinse immediately with plenty of water. If swallowed, do not induce vomiting, immediately seek medical advice and show this container or label.

Treatment of waste and packaging – according to local regulations

Do not release the concentrate in the environment – for disposal of waste, residuals and empty packaging see the special instructions in the safety data sheet.

Packaging

Plastic jars of 250g ,500 g and 1000 g.

Shelf life: 3 years

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