SODIUM DICHLOROISOCYANURATE = NaDCC



Therapeutic action

– Disinfectant (chlorine-releasing compound)

Indications

– Disinfection of medical devices, instruments, linen, floors and surfaces

Forms and strengths

– 1.67 g NaDCC effervescent tablet, releasing 1 g active chlorine when dissolved in water.
Also comes in different strengths and in granules and powder.

Preparation and use

– *Pre-disinfection of soiled instruments*
0.1% active chlorine solution (1000 ppm): 1 tablet of 1 g active chlorine per litre
Immediately after use, soak instruments for 15 minutes, then clean instruments.

– *Disinfection of clean instruments*
0.1% active chlorine solution (1000 ppm): 1 tablet of 1 g active chlorine per litre
Soak previously cleaned instruments for 20 minutes, rinse thoroughly and dry.

– *Disinfection of linen*
0.1% active chlorine solution (1000 ppm): 1 tablet of 1 g active chlorine per litre
Soak for 15 minutes, rinse thoroughly (at least 3 times).

–*General disinfection (surfaces, floors, sinks, equipment, etc.)*
See [Chlorine-releasing compounds](https://medicalguidelines.msf.org/viewport/EssDr/english/chlorine-releasing-compounds-nadcc-hth-bleach-chlorinated-lime-16687067.html) and [Antiseptics and disinfectants](https://medicalguidelines.msf.org/viewport/EssDr/english/antiseptics-and-disinfectants-16688206.html), Part two.

Precautions

– Prepare solutions with cold water, in non metallic containers.
– NaDCC can corrode metal. The risk is limited for good quality stainless steel instruments if concentration, contact time (20 minutes maximum) and thorough rinsing recommendations are respected.
– For disinfection of linen: use only for white cotton or linen (risk of discolouration).
– Do not expose the product to flames. Do not incinerate.
– DO NOT SWALLOW. Do not store NaDCC tablets near oral tablets.
– Avoid inhaling vapours and dust when opening or handling the containers.
– Do not mix with acid solutions such as urine, etc. (release of toxic chlorine gas) and detergents.

Remarks

– NaDCC may be used for wound antisepsis but only if the formulation is intended for this purpose: 0.1% active chlorine solution (1000 ppm): 1 tablet of 1 g active chlorine per litre. For prolonged use, protect the healthy skin around the wound with vaseline.
Caution: some formulations used for disinfecting floors contain additives (detergents, colouring, etc.) and cannot be used on wounds. Check label or leaflet.
– Some formulations can be used for the disinfection of drinking water (Aquatabs®, etc.). Follow manufacturer's instructions.
– NaDCC is also called sodium troclosene, sodium dichloro-s-triazinetrione.
*– Storage: in airtight container, protected from light, heat and humidity, in a well ventilated room -* - 