

CHLOORSTABIL BE-REG-00257

Product code: MS55145

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FORMULA: NaClO

(EINECS: 231-668-3 / CAS: 7681-52-9)

Aqueous solution of sodium hypochlorite

Disinfectant for cooling water, recreation water, wastewater, drinking water and treatment of surfaces.

This DW-quality is especially recommended and most suitable for the treatment of drinking water (DW). Specific selection of product origin guarantees a minimal content of bromate. Disinfectant: Authorization number BE-REG-00257 (according to Belgian Biocides regulation: PT classes 2,5 and 11).

Product is conform EN 901, type 1 (European standard for treatment of drinking water).

Remarks:

- The minimum content of active chlorine is guaranteed at delivery.
- The activity decreases under the influence of time, temperature and exposure to light.

ASPECT

Clear, yellow-green liquid with a characteristic smell.

CONCENTRATION

Active chlorine (Cl ₂)	: min.	150	g/l (at delivery)
	: min.	12,5	% wt.
	: min.	47	chlorometrical degrees

PHYSICAL PROPERTIES

Density (20°C)	: 1,205 – 1,230	kg/l
Gas development (4 hours at 40°C)	: max.	35 ml/l

CHEMICAL ANALYSIS

Sodium hydroxide (NaOH)	: 0,4 – 0,8	% wt.
Sodium carbonate (Na ₂ CO ₃)	: max.	0,75 % wt.
Sodium chlorate (NaClO ₃)	: max.	0,3 % wt. (at delivery)
Iron (Fe)	: max.	0,5 ppm
Antimony (Sb)	: max.	0,1 ppm
Arsenic (As)	: max.	0,1 ppm
Cadmium (Cd)	: max.	0,1 ppm
Chromium (Cr)	: max.	0,1 ppm
Copper (Cu)	: max.	0,1 ppm
Mercury (Hg)	: max.	0,1 ppm
Nickel (Ni)	: max.	0,1 ppm
Lead (Pb)	: max.	0,1 ppm
Selenium (Se)	: max.	0,1 ppm



APPLICATION	DOSAGE	END CONCENTRATION
Drinking water (PT 5)	7 – 70 ml/m ³	1 – 10 ppm Cl act.
Swimming pool water (PT 2)	8 ml/m ³	1 ppm Cl act.
Cooling water (closed system) (PT 11)	5 – 30 ml/m ³	0,5 – 3 ppm Cl act.
Cooling water (open system) (PT 11)	15 – 40 ml/m ³	2 – 5 ppm Cl act.
Waste water (PT 11)	200 ml/m ³	30 ppm Cl act.
Surfaces (PT 2)	30 ml/m ³	4 ppm Cl act.

Remark : The disinfectant effect is reached with the mentioned dosages of chlorine after at least 30 minutes.

PACKING

Available in bulk, IBC's, drums, cans.
Other packing on request.

LEGAL REGULATIONS IN CONNECTION WITH SALE, USE AND STORAGE

CHLOORSTABIL BE-REG-00257 is a biocide (see RD 4 April 2019 concerning the marketing and the use of biocides).

The product may only be sold by a registered salesman of biocides and be applied by a certified user of biocides.

Also suitable for professional use in disinfecting swimming pool water, wastewater, and surfaces, as well as for general public use in private swimming pools.

The packing, which contains CHLOORSTABIL BE-REG-00257, must be kept in a closed room, exclusively destined for the storage of biocides.

The room must be dry, efficiently ventilated, in a good condition of maintenance and cleanliness.

The room must be so arranged that the good preservation of the product is assured.

On the outside of the door of this room, the mention "poison" and a "skull" pictogram must be visible.

FOR PT5 APPLICATIONS:

The user must comply with Directive (EU) 2020/2184 which defines the quality conditions for water intended for human consumption.

If the disinfected solution is intended for use in foodstuffs, the user must comply with Regulation No. 396/2005 which establishes the maximum acceptable residue levels in foodstuffs.

- * Disinfectants and algacides not used directly on humans or animals
 - Registered exclusively for professional users as a disinfectant for the disinfection of swimming pool water, wastewater, and surfaces.
 - Registered exclusively for the public as a disinfectant for the disinfection of private swimming pools.
- * Disinfectants for drinking water
 - Registered exclusively for professional users as a disinfectant for the disinfection of drinking water.
- * Preservatives for liquid cooling and processing systems
 - Registered exclusively for professional users as a disinfectant for the disinfection of proceswater.



SHELF LIFE

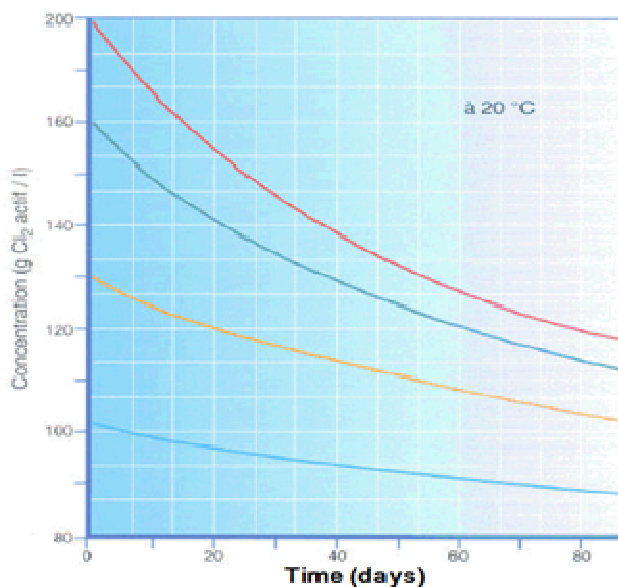
To minimize loss of activity it is advisable to keep the sodium hypochlorite solution in a cool and dark storage, not in direct sunlight.

Shelf life 1 month after production date.

After 1 month check the concentration of the product to determine if the product still complies for the application.

On base of the concentration check, the dose can be adjusted.

Downshift as a function of time and temperature



SAFETY REGULATION

Sodium hypochlorite gives strong reaction with acids, forming toxic chlorine gas.
The safety data sheet is available on request.

Information in this publication is believed to be accurate and is given in good faith, but it is for the customer to satisfy itself of the suitability for its own particular purpose.

No representation, warranty or guarantee is made as to its accuracy, reliability or completeness.



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