

TECHNICAL DATA SHEET
CHLOORSTABIL BE-REG-00257

Product code: MS11424

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FORMULA NaClO

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

Aqueous solution of sodium hypochlorite

Disinfectant for drinking water (*), cooling water, recreation water, waste water and treatment of surfaces.

Disinfectant: Authorization number BE-REG-00257 (according to Belgian Biocides regulation : PT classes 2,5 and 11).

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

(*) Attention :

According to regulations in Flanders (Belgium) this product is not recommended for treatment of drinking water, due to the possible presence of high levels of bromate.

In that case we recommend our product of DW-quality.

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 (Cl₂) : min. 150 g/l (at delivery)
 : min. 12,5 % wt.
 : min. 47 chlorometrical degrees

PHYSICAL PROPERTIES

Density (20°C) : 1,205 – 1,260 kg/l

CHEMICAL ANALYSIS

Sodium hydroxide (NaOH) : 0,2 – 1,0 % wt.
 Iron (Fe) : max. 2,0 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.

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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 pesticide for non-agricultural use, class A (see RD 22 May 2003 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 professional use, as stipulated by the Ministerial Order of 6 March 2002, or the maintenance of a private swimming pool is allowed.

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.

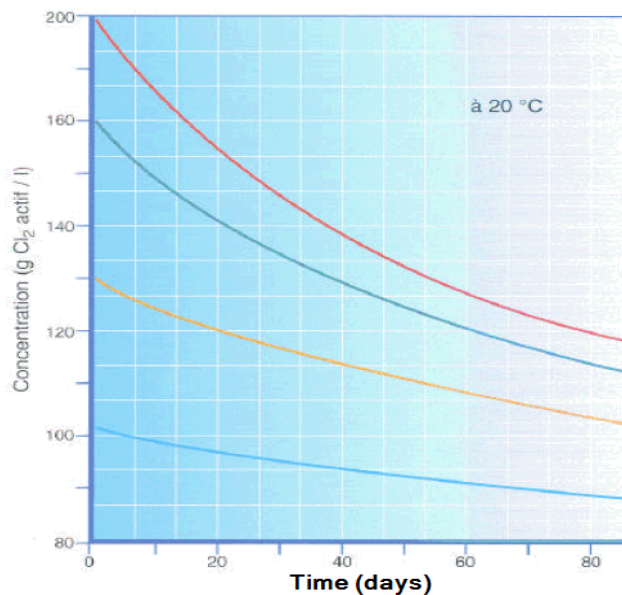
SHELF LIFE

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.

DISTRIBUTOR COMPANY INFORMATION			
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activities	Distribution and export of chemicals and ingredients		
VAT number	BE0405317567	NL001375945B01	4740102209
emergency number(24/365)	+32 (0)56 77 69 44	+31 (0)78 6544 944	+27 (0)21 0201800
management systems: certifications	ISO 9001, ISO 14001, ISO 22000, FSSC 22000, GMP+ Feed, ESAD	ISO 9001, ISO 14001, ISO 22000, FSSC 22000, OHSAS 18001, GMP+ Feed, ESAD, AEO	ISO 9001, FSSC 22000