TECHNICAL DATA SHEET

CHLOORSTABIL 299-B

Product code: MS11424 | Date of issue: 05/11/2019 | Replaces: 28/08/2018

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

Aqueous solution of sodium hypochlorite

Disinfectant for cooling water, recreation water, waste water and treatment of surfaces.
This product is not recommended for treatment of drinking water, due to the possible presence of high levels of bromate. For treatment of drinking water we recommend our product of DW-quality.
Disinfectant: Authorization number 299 B (according to Belgian Biocides regulation : PT classes 2,5 and 11).
Product conform EN 901, type 1 (European norm 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 – 1,260	kg/l

CHEMICAL ANALYSIS

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

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Brenntag NV with ISO9001 system certified by DNV GL

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APPLICATION	DOSAGE		END CONCENTRATION	
Drinking water (PT 5)	7 – 70	ml/m³	1 – 10	ppm Cl act.
Swimming pool water (PT 2)	8	ml/m³	1	ppm Cl act.
Cooling water (closed system) (PT 11)	5 – 30	ml/m³	0,5 – 3	ppm Cl act.
Cooling water (open system) (PT 11)	15 – 40	ml/m³	2 – 5	ppm Cl act.
Waste water (PT 11)	200	ml/m³	30	ppm Cl act.
Surfaces (PT 2)	30	ml/m³	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 299-B 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 299-B, 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.

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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COMPANY INFORMATION DISTRIBUTOR		
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e-mail	info@brenntag.be	info@brenntag.nl
activities	Distribution and export of chemicals and raw materials	
VAT number	BE0405317567	NL001375945B01
recall procedure available	Yes	
emergency number (24/365)	+32 (0)56 77 69 44	+31 (0)78 6544 944
QUALITY SYSTEMS		
ISO 9001	Yes	Yes
ISO 14001	Yes	Yes
ISO 22000	Yes	Yes
FSSC 22000	Yes	Yes
GMP+ -feed	Yes	Yes
OHSAS18001	-	Yes
ESAD	Yes	Yes
other	-	AEO

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