

GREENLINE™ Sodium Hypochlorite

CHEMICAL NAME Sodium hypochlorite

CAS NUMBER 7681-52-9

TECHNICAL REQUIREMENTS

Appearance.....transparent liquid, slightly yellow

Active chlorine, g/l.....min. 150

PN-EN 901/ LA/2118*

NaOH+Na₂CO₃ as NaOH**, g/l.....max. 20

BN-87/6016-53

Iron**, g/l.....max. 0,05

LA/2071* / ICP

GENERAL DATA

Molar mass	74,42 g/mole
Solubility in water	unlimited
Other solvents	alkali
Density (20 °C)	1,2 g/ml
Odour	characteristic, suffocating
Freezing point	below -20 °C
Decomposition point	at 25 °C oxygen is liberated at 35 °C chlorine is liberated

APPLICATION

Sodium hypochlorite has a very strong biocidal effect. It's main application is the disinfection of swimming pools, disinfection of water intakes and its treatment for consumption. Due to its oxidizing properties, the product is used in the chemical industry as an oxidizer of organic products in the chemical synthesis process, production of intermediates used in the pharmaceutical industry. In everyday life we found it in the form of commercially available textiles bleach. Sodium hypochlorite in combination with NaOH forms a strongly disinfectant and corrosive compound antifungal, which is used in dentifrice dental flushing. At a concentration of 70% it is used as antiseptic liquid.

Information presented herein has been given in good faith and to the best of our current knowledge and experience. The compliance of the specific properties of the supplied product with the data given herein and its fitness for the intended purpose should be checked before the product is used. The producer reserved the right to modify the information presented herein as a result of technological development and improvement of the product by producer.

^{*} The method is available upon request

^{**} Guaranteed value