

# NaClO

## Sodium Hypochlorite Solutions

### Scope

This information is valid for all our Sodium Hypochlorite Solutions from 0,5...15% active chlorine.  
The relevance of information increases with the concentration of the solution.

### Concentrations

The % values of sodium hypochlorite solutions are based on % active chlorine.

### Storage

The storage conditions mentioned here are generally valid for sodium hypochlorite solutions.

#### Generally

- Store at + 10... + 20 °C, optimal at + 10... + 15 °C.
- Lower temperatures are possible but avoid freezing, because rapid warming results in disproportionate gas formation.
- Store always on a dark place.
- Don't store near to outgassing acids e.g. hydrochloric acids, acetic acid a.o.

#### Storage for longer time

- Solution can form gases and ideally should be stored with not tight closed screw cap for longer time. This is especially valid for higher concentrations.
- If the bottles will begin to inflate, loose up the screw cap carefully. Close screw cap for transportation.

### Reagents

Sodium hypochlorite solutions manufactured from **Bioanalytic GmbH** are special cleaned and therefore also usable for analyzer instruments. For this please refer the instruction manual of the analyzer manufacturer. The reagent is ready for use.

At the storage temperature indicated on the label the reagent has a shelf life until the printed expiry date.

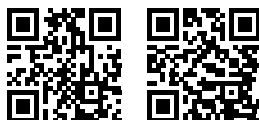
Avoid contamination after opening. Remove the required amount solely by pouring.

#### Risks and Safety

Please observe the necessary precautions for use of laboratory reagents. Applications should be performed by expert personnel only. Follow the national and laboratory internal guidelines for work safety. Wear suitable protective clothing and disposable gloves while handling.



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For additional safety information please refer to the information on the label and the corresponding Safety Data Sheet (SDS).

Download by QR-Code or link:

- [www.sds-id.com/100011-1](http://www.sds-id.com/100011-1) Sodium hypochlorite <1.0% (active chlorine)
- [www.sds-id.com/100012-0](http://www.sds-id.com/100012-0) Sodium hypochlorite ≥1.0% <2.0% (active chlorine)
- [www.sds-id.com/100015-7](http://www.sds-id.com/100015-7) Sodium hypochlorite ≥2.0% <5.0% (active chlorine)
- [www.sds-id.com/100018-4](http://www.sds-id.com/100018-4) Sodium hypochlorite ≥5.0% ≤15.0% (active chlorine)

### Notes

This product information exclusively relates to the product described in this leaflet. In particular, this product information cannot be applied to similar reagents from other manufacturers.  
Periodically check for updates of this product information on our website.

#### Instruction for Use

For professional use only.

To avoid mistakes, the reagent should be used only by qualified personnel. Follow the national guidelines for work safety and quality assurance. The used equipment must comply with the state of technology and the laboratory requirements.

#### Support / Information service

For methodological and technical support, please contact us by E-Mail at [support@bioanalytic.de](mailto:support@bioanalytic.de) (German, English).  
Periodically check for updates of this product information on our website.

#### Feedback

Information from users can be reported to [support@bioanalytic.de](mailto:support@bioanalytic.de) (German, English).  
Suggestions for further developments will be considered.

#### Waste Management

Please observe your national laws and regulations.

Used and expired solutions must be disposed of in accordance with your local regulations.

Inside the EU, national regulations apply that are based on the current, amended version of Council Directive 67/548/EEG on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances. Decontaminated packaging can be disposed of as household waste or recycled, unless otherwise specified.

