



# Biogent-A

## „Universal-“ Cleaning Concentrate for analyzer systems alkaline

### Characteristics

**Biogent-A** is a fluid alkaline cleaning concentrate for phosphate free cleaning of strong contaminations.

Use for: Analyzer systems and photometer, automatic dilutors and dispensers, sample divider stations, tube systems, volume and valve units, flow cuvettes, exhaust cuvettes, rotor cuvettes, and so on.

**Biogent-A** is used particularly in clinical-chemical and analytic-chemical laboratories for photometers and analyzer systems.

Steady cleaning of your system with BIOGENT-A after each measurement series disables deposits and therefore eliminates problems of measurement.

### Attributes

Highly reaction active by alkaline (phosphate free) cleaning substances and biologically degradable detergents!

- Alkaline
- Rinse off with distilled water up to 100%.
- High tolerance with various materials.
- Non-toxic, not waste water-polluting, biodegradable.
- Absolutely free of solvents.
- Contains no silicone products.
- Foaming (contains cleaning active detergents).
- Free of unsolved solids - no clogging of tubing systems.
- Stabilized and mold inhibited.

Manufacturing only with pure substances guaranteed.

### Chemical and physical data

Solubility: ..... In water soluble.

pH-value: .....alkaline, pH = ~13.5 (concentrate)  
alkaline, pH = ~12.7 (10 % solution)

Color/odor:.....colorless and odorless

Foaming:.....Yes, contains detergents

### Risks and safety

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

It is important to ensure effective protection against infection according to laboratory guidelines.



www.sds-id.com



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

The safety settings were made according to legal guidelines. If there are differences in the labeling or the safety information between the label and SDS, the details of the SDS are valid.

Download by QR-Code or link:  
[www.sds-id.com/100186-9](http://www.sds-id.com/100186-9)

### Procedure

Please refer also to the cleaning instructions of analyzer operating manual.

Use **Biogent-A** in dependence of contamination as concentrate or in dilution (1...100% in dependence of impact time). Please include in calculation also the automatic dilution factor of the analyzer or diluting system. Rinse system adequate with distilled water.

### General

It is recommended not to dry out cuvettes, cuvette rotors, flow cuvettes, and tubing systems, because dry out executes often to insolvable sediments in not absolute clean systems. Fill up the system over night or over weekends with about 10...20%iger BIOGENT-NEE solution. Prevent against dry out through suitably measures. Before next analysis rinse adequate with distilled water. Refer also to analyzer instruction manual and analyzer cleaning procedure instructions.

### Flow systems, tubing systems, dilutors/dispensers

Rinse and fill system after each measurement series completely with BIOGENT-A concentrate. Incubate for 2...20 minutes, then flush adequate with demineralized water.

### Pipette systems (automats)

Fill BIOGENT-A into a reagent vial. Adjust/program pipette volume to the greatest possible volume. Start run to fill the cuvette system. For rinse process also refer to analyzer instruction manual.

### Cuvettes and cuvette rotors

Fill cuvettes full to the brim if possible. After incubation time of 2...20 minutes flush adequate with distilled water.



## Notes

All herein proposed possible uses are noncommittal recommendations, based on our experiences. Please refer to the analyzers instruction manuals. For prevent foam in the liquid waste bottles of analyzers across cleaning agents of all types also across detergent contained reagents and proteins, we recommend the use of anti-foaming-solutions (on request).

This product information exclusively relates to the reagent 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 errors, the use of qualified personnel is carried out. National guidelines for work safety and quality assurance must be followed.

The used equipment must comply with the state of technology and the laboratory requirements.

### Protection against Infection

It is important to ensure effective protection against infection according to laboratory guidelines.

Laboratory personnel working with human samples should be vaccinated against Hepatitis B (HBV).

### Classifications

EU: EDMA: 11 90 01 90 00; IVD

### Symbols and Graphic Indicia

List of symbols and graphic labels see at section safety in the download area of our website.

### Support / Information service

For methodological and technical support, please contact us by eMail at [support@bioanalytic.de](mailto:support@bioanalytic.de) or by fax (German, English).

Periodically check for updates of this product information on our website.

### 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 disposed of as household waste or recycled, unless otherwise specified.

## Ordering informations

002751-1010

### Biogent-A

Cleaning concentrate for analyzer systems - alkaline; 1.0l PE (Polyethylene) bottle.

002752-1010

### Biogent-N

Flush and cleaning concentrate for analyzer systems - neutral, free of electrolytes and enzymes. 1.0l PE (Polyethylene) bottle.

002753-1010

### Biogent-S

Cleaning concentrate for analyzer systems - acidly; 1.0l PE (Polyethylene) bottle.

002754-6001

### Biogent-EC

Enzymatic-catalytic operating cleaning solution for protein removal of blood, serum/plasma, comestibles or other protein containing liquids. 5x 100ml (Pack).

002754-0500

### Biogent-EC

Enzymatic-catalytic operating cleaning solution for protein removal of blood, serum/plasma, comestibles or other protein containing liquids. 500ml (Pack).

If there is a requirement of other filling packages, don't hesitate to contact us.

Sodium hypochlorite solutions are available in many laboratory usual concentrations. Analyzer and laboratory cleaning solutions and for stabilizers for waterbath/chillers as well as other products find on our web sites [www.bioanalytic.de](http://www.bioanalytic.de).