

deconex® 24 LIQ

Highly alkaline special cleaning concentrate

For special washing machines in laboratories. With active chlorine, liquid.



Application

deconex® 24 LIQ is universally applied in laboratories to remove stubborn organic and inorganic residues and contamination from laboratory glass and reusable laboratory material.

deconex® 24 LIQ is being applied in chemical laboratories, biological laboratories, pharmaceutical industries, petrochemical industries, food-industries, dairy farming.

Properties

deconex® 24 LIQ is a highly alkaline, liquid special cleaning concentrate, free of surfactants, with excellent dirt-removing and dispersing properties. The product's high alkalinity enables the removal of very resistant contamination. Materials and washing machines are protected by the integrated corrosion inhibitor.

The completely residue-free cleaning of laboratory glass and reusable material is an important prerequisite for the successful application of a cleaner in analytical-, synthesis- and cell culture-laboratories.

Dosage

The optimum dosage depends mainly on the hardness of the water and the nature of the contamination. In principle, the use of softened feedwater improves the cleaning results. Consequently, the dosage can be reduced.

In practice, the following dosage has given good results:

Dosage	Dosage	Temperature	Time
with demineralised water	3-5 mL/L	60-85 °C	2-10 min
with hard water	5-10 mL/L	60-85 °C	2-10 min

deconex® 24 LIQ effectively removes:

- dried and burnt-in synthesis-residues from organic reactions e.g. polymers
- distillation residues
- dried greases and oils
- color residues
- varnish
- pigments

Ingredients

Alkalis, complexing agents, corrosion inhibitor, sequestering agent, inorganic chlorine donor

deconex® 24 LIQ

Information on use

Generally, an increase of the temperature leads to a reduction of the cleaning process time. According to a rule of thumb, raising the temperature by 10 °C, cuts the cleaning process time in half, and vice versa.

We recommend you:

- a proper loading of washing goods (avoid overloading) and
- the use of softened or demineralized water for final rinsing.

Neutralization

For neutralization of alkaline residues, an acidic rinse should always follow the cleaning steps. Use deconex® 26 MINERALACID or deconex® 26 PLUS respectively as neutralizer in combination with deconex® 24 LIQ. Please ask for the corresponding data sheets.

Chemical/physical data

pH	1% in DI water	approx. 12.6
Density	concentrate	1.50 g/mL
Appearance	concentrate	clear, colourless

Availability

Please ask your local representative about current container sizes.

Containers, screw caps and labels are made of recyclable polyethylene.

Material compatibility

Suitable for:

Laboratory glass, ceramics, PVC, PP, PE (hard), teflon, Viton

Not suitable for:

Aluminium, anodised aluminium, zinc and non-ferrous metals

For materials not mentioned please make your own specific compatibility tests or consult Borer Chemie AG.

Additional information

For information concerning safety at work, storage and waste disposal/effluent, please consult the corresponding safety data sheet.

Take advantage of our vast know-how! Please, contact us for further information regarding your specific application.

Manufacturer:

Borer Chemie AG

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