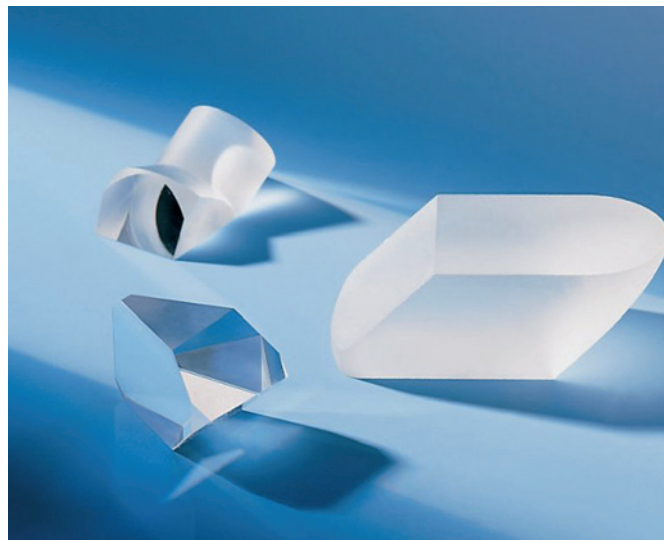


# deconex® OP 163

**pH neutral, salt-free cleaning  
concentrate for precision optical  
components**

For use in soaking baths and ultrasonic cleaning  
systems



## Application

deconex® OP 163 is used for the gentle cleaning of precision optics in «ready-for-inspection», «ready-for-coating» and «ready-for-assembly» processes.

It is used in free-standing ultrasonic, or immersion baths respectively ultrasonic cleaning equipment.

## Properties

deconex® OP 163 is a neutral, salt-free, liquid cleaning concentrate. It is used for the very gentle cleaning of precision optics.

## Dosage

In practice, the following dosage has given good results:

Dosage	Temperature	Exposure time
1-5%	25-45 °C	3-10 min

We recommend to dilute the product with fully deionised water.

## Information on use

For the «ready-for-inspection» pre-cleaning, we recommend to use deconex® OP 163.

Due to special surfactants, the product provides glass surfaces with a complete wetting and therefore, guarantees thorough cleaning and removing of slightly adhering organic and inorganic residues like fingerprints, dust etc.

## Ingredients

Surfactants, solubilizer

## Material compatibility

Suitable for:  
Precision optics, prisms, quartz, sapphire, Zerodur, calcium fluoride

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

# deconex® OP 163

## Chemical/physical data

pH	1% solution in deionised water	approx. 6-7*
Density	concentrate	1.02 g/mL
Appearance	concentrate	transparent, colourless to yellowish

\* The addition of 6 drops of a 3 M KCl solution helps to stabilise the pH value. The pH value in 1% deionised water with KCl is 5 to 5.5.

## Availability

Please ask your local representative about current container sizes.

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

## 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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