

# deconex® OP 164

**Neutral, phosphate-free cleaning  
concentrate for precision optic  
components**

For soaking baths and ultrasonic cleaning systems



## Application

deconex® OP 164 is used for the gentle cleaning of precision optics and is applicable for the following processes: «prior to inspection», «prior to coating», «prior to assembly».

## Properties

deconex® OP 164 is a neutral, phosphate-free liquid cleaning concentrate with a gentle action for cleaning precision optic components.

deconex® OP 164 contains special surfactant compounds to ensure full wetting of glass surfaces and a rapid, thorough cleaning action. It will clean and remove slightly adhesive organic and inorganic residues such as finger marks and dust. A sequestering agent effectively prevents the redepositing of loose contaminants.

deconex® OP 164 does not contain NTA.

## Ingredients

Surfactant compounds, complexing agent, sequestering agents

## Dosage

In practice, the following dosage has given good results:

Dosage	Temperature	Exposure time
1-5%	25-75 °C	3-10 min

We recommend to dilute the product with fully demineralized water.

## Information on use

We recommend deconex® OP 192 or deconex® OP 193 for pre-cleaning prior to inspection.

## Material compatibility

Suitable for:  
Precision optic glass, quartz, sapphire, ceramics

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

## Chemical/physical data

pH	1% solution in demineralized water	7.8
Density	concentrate	1.05 g/mL
Appearance	concentrate	transparent, colourless to yellow

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## 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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