

# deconex® OP 121

## Mildly alkaline cleaning concentrate for ophthalmic and precision optical lenses

Suitable for soaking baths and ultrasonic cleaning systems



### Application

deconex® OP 121 is a mildly alkaline liquid cleaning concentrate for use in the lens making industry.

Ophthalmic lenses: the product is used for precision cleaning prior to inspection and for pre-cleaning and precision cleaning prior to coating.

The product can also be used for the precision cleaning of moulds.

Precision lenses: the product is used for pre-cleaning prior to inspection and prior to coating.

### Properties

deconex® OP 121 is formulated to combine a strong cleaning action with a mildly alkaline pH value.

### Dosage

In practice, the following dosage has given good results:

Dosage (ophthalmic lenses)	Temperature	Exposure time
1-3%	50-65 °C	3-10 min
Dosage (precision optics)	Temperature	Exposure time
2-5%	25-45 °C	3-10 min

The product can be used with tap water.

This makes the product suitable for the removal of organic contamination such as finger marks and dust.

The use of special surfactant compounds ensures complete wetting of the lense surface. It aids the high emulsification of loose contaminants thus enabling long bath lifetime with low concentrations.

deconex® OP 121 has excellent rinsability and can be used with tap water.

### Ingredients

Alkalis, complexing agent, dispersing agent, solubiliser, surfactant

# deconex® OP 121

## Material compatibility

Suitable for:  
Alkaline insensitive, organic and mineral ophthalmic lenses, alkaline compatible precision optical lenses, quartz, sapphire and ceramics

Not suitable for:  
Alkaline sensitive precision optic lenses

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

## Chemical/physical data

pH	1%	approx. 11.7
Density	concentrate	approx. 1.42 g/mL
Appearance	concentrate	slightly yellow

## 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

Gewerbestrasse 13, 4528 Zuchwil / Switzerland  
Tel +41 32 686 56 00 Fax +41 32 686 56 90  
office@borer.ch, www.borer.swiss

All information provided is based on our current knowledge and it does not constitute a legally binding assurance of specific product properties.