

deconex® OP 171

Mildly acidic special cleaning concentrate for the optical industry

Suitable for soaking baths and ultrasonic cleaning
systems



Application

deconex® OP 171 is a mildly acidic liquid cleaning concentrate formulated for the precision cleaning step prior to inspection, prior to coating, hard lacquering and colouring. It is suitable for all plastic and mineral glasses which are not sensitive to acid.

The product can also be used to generally improve rinsability after alkaline pre-cleaning especially in ultrasonic cleaning units where there is no intermediate rinsing step or only a few final rinsing steps.

deconex® OP 171 is primarily used in the last ultrasonic bath of an ultrasonic cleaner before the final rinse.

Dosage

In practice, the following dosage has given good results:

Dosage	Temperature	Exposure time
1-5%	50-65 °C	3-5 min

The product can be used with tap water.

Information on use

A sudden increase in the pH value of the cleaning solution indicates that the bath solution is depleted.

Properties

deconex® OP 171 is formulated to neutralise any alkaline cleaner residues remaining on glass surfaces after pre-cleaning. The use of special surfactant compounds ensures uniform wetting of glass surfaces.

The product has a high buffering capacity and can therefore guarantee a constant neutralisation action over many lens cleaning cycles. This is particularly important to ensure a constant final coating quality.

Ingredients

Acids, surfactant compounds, buffers

Material compatibility

Suitable for:
Organic and mineral ophthalmic and sunglass lenses, quartz, sapphire, ceramics

Not suitable for:
Acid sensitive precision optic glass

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

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Chemical/physical data

pH	1% solution in demineralized water	approx. 4.0
Density	concentrate	approx. 1.12 g/mL
Appearance	concentrate	clear, colourless

It should be noted that sediment can form over time with this product in its original container. This does not impair the cleaning performance, however.

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:

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