

deconex® OP 165

Neutral cleaning concentrate for the cleaning of ophthalmic lenses

For use in soaking baths, ultrasonic cleaning systems and special brush and spindle cleaning machines



Application

Stubborn deposits on the surfaces of organic and mineral ophthalmic lenses are often caused due to long storage times. In most cases, these deposits can be removed by a mechanical pre-treatment only. In practice, spindle or brush cleaning machines with rotating sponges or brushes are used for this treatment.

deconex® OP 165 is an agent for spindle and brush cleaning systems but at the same time, it can also be applied for the manual pre-cleaning (with sponge or cloth).

Properties

deconex® OP 165 considerably reduces the surface tension of the cleaning solution and removes contamination easily.

deconex® OP 165 supports the procedure of removing and emulsifying, respectively dispersing the contamination. The high capacity to absorb contamination, prevents removed particles from being redeposited.

deconex® OP 165 has excellent wetting capabilities for organic as well as for mineral ophthalmic lenses. The pH neutral formula guarantees for the highest possible protection of the material.

deconex® OP 165 is compatible with all other alkaline products out of the deconex® OP-line. Consequently, the subsequent cleaning process «ready-for-coating» is ensured.

Ingredients

Wetting agent, solubiliser

Dosage

Optimum results are achieved already at a low dosage. The use of demineralized water is strictly recommended

Cleaning	Concentration	Temperature	Exposure time
Mechanical	1-3%	20-60 °C	1-5 min
Manual	approx. 20 %	20 °C	

The cleaning process is accelerated by increasing the temperature of the solution.

Material compatibility

Suitable for:
All kinds of organic and mineral ophthalmic lenses as well as alkaline sensitive high precision optical glasses

Partly suitable for:
Acrylic 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	7.0-8.0
Density	concentrate	1.04 g/mL
Appearance	concentrate	yellow, slightly-brownish

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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