

deconex® OP 146

**Highly alkaline cleaning concentrate
to remove residues of polishing
compounds on ophthalmic lenses**

For use in soaking baths and ultrasonic cleaning
systems



Application

deconex OP 146 is a liquid, highly alkaline and extremely effective cleaning concentrate on aqueous basis. It removes residues of polishing compounds on mineral and organic ophthalmic lenses.

deconex OP 146 can also be used for removing dried residues of polishing compounds which are generally very hard to remove.

Properties

deconex OP 146 can be used for mineral and organic lenses. deconex OP 146 has good emulsifying and dispersing capabilities and removes aluminium oxide, cerium oxide, resin and

Dosage

The most favourable dosage mainly depends on the hardness of the water and the quantity of the contamination's stubbornness.

Practically, the following dosage has given satisfactory results:

Dosage	Temperature	Exposure time
2-5%	50 - 70 °C	1-5 min

Information on use

Neutralisation

The spent cleaning solution must be neutralized before it is discharged into drains or sewage works. To attain a pH of about 7-8 requires 940 ml of 25% hydrochloric acid or 576 ml of 60% sulphuric acid per kg of deconex OP 146 (concentrate).

Disposal of the detergent solution including removed contamination must be carried out in accordance with the local regulations for wastewater!

storage residues quickly. Wetting agents allow a perfect rinsing and an excellent adherence of surface coatings. The cleaning bath of deconex OP 146 has a long life and it is, therefore, economical on use.

For a ready to coat cleaning, the process can be improved by a slightly acid final cleaning with deconex OP 171.

Ingredients

Alkalis, complexing agents, solubiliser, wetting agent, surfactant compounds

Material compatibility

Suitable for:

Alkali compatible organic and mineral ophthalmic lenses

Not suitable for:

Alkaline sensitive high precision optical glasses

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%	approx. 12.6
Density	concentrate	1.33 g/ml
Appearance	concentrate	clear, light yellowish

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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advanced cleaning solutions