

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 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

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!

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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Chemisch-/physikalische Daten

pH-Wert	1%	ca. 12.6
Dichte	Konzentrat	1.33 g/mL
Aussehen	Konzentrat	klar, schwach gelblich

Lieferung

Bitte fragen Sie Ihre Vertretung nach den aktuellen Gebindegrössen.

Die Gebinde, Verschlüsse und Etiketten sind aus recycelbarem Polyethylen.

Zusätzliche Informationen

Hinweise zu Arbeitsschutz, Lagerung und Entsorgung/Abwasser entnehmen Sie bitte dem Sicherheitsdatenblatt für dieses Produkt.

Profitieren Sie von unserem Fachwissen! Fragen Sie uns für praktische Informationen zu Ihrer spezifischen Anwendung.

Hersteller:

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