# deconex®
# OP 196

## Alkaline cleaning concentrate for the removal of protective lacquers and color markings

For use in soaking baths and ultrasonic cleaning systems

### Application

deconex OP 196 is a liquid, alkaline cleaning concentrate for the removal of protective lacquer following the manual or automatic deblocking of organic and mineral ophthalmic lenses. Additionally, the product can be used to remove color markings.

deconex OP 196 is used primarily in the first ultrasonic cleaning step of the «prior to inspection» cleaning following deblocking.

### Properties

Due to its composition, deconex OP 196 reduces the surface tension remarkably and dissolves stubborn protective lacquers as well as specific color markings.

The product's alkalinity assists the removal of polishing compounds following the removal of the protective lacquer.

### Ingredients

Alkalis, solvent, solubilizer, surfactants

### Dosage

In practice, the following dosage has given good results:

| Dosage | Temperature | Exposure time |
|---|---|---|
| 20-50% | 50-70 °C | 3-10 min |

We recommend to use softened or demineralized water for the dilution.

### Information on use

Neutralization
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 140 g of 25% hydrochloric acid per kg of deconex OP 196 (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:
Alkaline insensitive, organic and mineral ophthalmic and sunglass lenses, quartz, sapphire, ceramics

Compatible with the following materials:
Teflon™ (PTFE), Kalrez™, silicon rubber, polyethylene (HDPE/LDPE/cross-linked), polypropylene, EP copolymer, Nylon 101, Halar™

Incompatible with the following materials:
ABS, PVC, Viton™, Kynar™ (PVDF), Lexan™, Buna-N (NBR), Noryl™ EN-265

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

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## Chemical/physical data

| | | |
|---|---|---|
| pH | 50% | 13.6 |
| Density | concentrate | 1.04 g/ml |
| Appearance | concentrate | transparent, colourless to 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:**
**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.ch

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