

deconex® OP 153

Alkaline cleaning concentrate for the optical industry

Suitable for soaking baths and ultrasonic cleaning systems as well as for brush and spray cleaning systems



Application

deconex® OP 153 is an alkaline, liquid cleaning concentrate for use in the manufacture of ophthalmic and sunglass lenses.

The product is used for the precision cleaning prior to inspection and for pre-cleaning and precision cleaning prior to coating.

deconex® OP 153 can be used with ultrasonic, brush and spray cleaning systems.

Properties

deconex® OP 153 is formulated to provide a strong cleaning action.

The product can be used to remove light polishing compound residues in precision cleaning prior to inspection and to remove finger marks and dust during pre-cleaning and precision cleaning prior to coating. The loose contaminants are efficiently dispersed.

Dosage

In practice, the following dosage has given good results:

Dosage (brush cleaning)	Temperature	Exposure time
2-5 %	50-65 °C	10-30 s
Dosage (spray cleaning)	Temperature	Exposure time
1-5 %	50-65 °C	3-5 min
Dosage (ultrasonic cleaning)	Temperature	Exposure time
2-5 %	50-65 °C	3-5 min

The product can be used with tap water.

The product has excellent rinsability. It will remove pearly from plastic lenses and can therefore be used as a drying aid.

deconex® OP 153 does not contain surfactant compounds and is therefore suitable as a universal cleaner for all ultrasonic, brush and spray cleaners.

The product can be used with plastic and mineral glass. It can be used with tap water.

Ingredients

Alkalis, complexing agent, dispersing agent, sequestering agent

deconex® OP 153

Material compatibility

Suitable for:
Alkaline insensitive, organic and mineral ophthalmic and sun-glass lenses, quartz, sapphire, ceramics

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

Chemical/physical data

pH	1%	11.9
Density	concentrate	1.24 g/mL
Appearance	concentrate	transparent, yellow

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

Gewerbstrasse 13, 4528 Zuchwil / Switzerland
Tel +41 32 686 56 00 Fax +41 32 686 56 90
office@borer.ch, www.borer.swiss

All information provided is based on our current knowledge and it does not constitute a legally binding assurance of specific product properties.