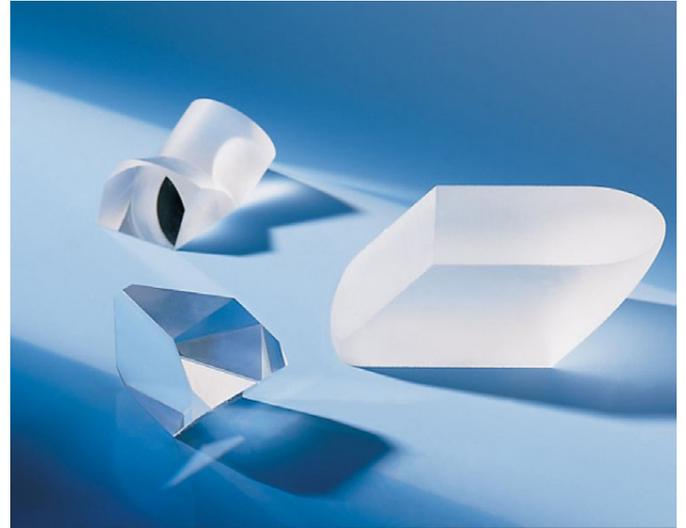


deconex® OP 148

Highly alkaline cleaning concentrate for precision optics and for cleaning ophthalmic lenses prior to inspection and coating

For use in soaking baths and ultrasonic cleaning systems



Application

deconex OP 148 is a highly alkaline, liquid cleaning concentrate for use in the optical industry.

Precision optics: the product is used for pre-cleaning prior to inspection for the removal of polishing compounds.

Ophthalmic lenses: the product is used for cleaning prior to inspection for the removal of alkali-soluble protective film, for the removal of alkali-soluble colour marking and for the removal of polishing compounds based on aluminium oxide and cerium oxide.

The product can also be used for the cleaning of moulds.

deconex OP 148 can also be used in the ultrasonic pre-cleaning step in preparation for anti-glare coating.

Properties

deconex OP 148 is formulated to provide a strong cleaning action. The product effectively removes polishing compounds from precision optical components and ophthalmic lenses. It will remove alkali-soluble protective film and colour marking from ophthalmic lenses. It can be used to remove residues from moulds and finger marks.

deconex OP 148 enables high emulsification rates for loose contaminants and abrasives. This enables long bath lifetime at low concentrations.

The use of special surfactant compounds makes the product suitable for precision optical glass and for plastic and mineral ophthalmic lenses.

deconex OP 148 can be used with tap water.

Ingredients

Alkalis, surfactant compounds, solubiliser, complexing agent, sequestering agent

Dosage

In practice, the following dosage has given good results:

Dosage (precision optics)	Temperature	Exposure time
1-5%	25-45 °C	3-10 min
Dosage (ophthalmic lenses)	Temperature	Exposure time
2-5%	50-65 °C	3-10 min

The product can be used with tap water.

deconex® OP 148

Information on use

We recommend deconex OP 163 or deconex OP 164 for the precision cleaning prior to inspection of precision optical components.

We recommend deconex OP 171 for the precision cleaning prior to inspection and coating of ophthalmic lenses.

Material compatibility

Suitable for:

Alkaline insensitive organic and mineral ophthalmic and sun-glass lenses, alkaline compatible precision optical lenses, quartz, sapphire, ceramics

Not suitable for:

Alkaline sensitive precision optical lenses

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

Chemical/physical data

pH	1% solution in demineralized water	12.5
Density	concentrate	1.19 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:

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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advanced cleaning solutions