

deconex® OP 152

Highly alkaline cleaner for cleaning ophthalmic and flat glass prior to coating

Suitable for brush and horizontal in-line cleaning systems



Application

deconex® OP 152 is a highly alkaline, liquid cleaning concentrate for use in the manufacture of ophthalmic and sunglass lenses and for the cleaning of flat glass.

The product is used after ready-for-inspection cleaning in order to remove paper bag residues from stored lenses, light polishing compound residues, finger marks and dust prior to the coating step.

deconex® OP 152 is also used for the brush pre-cleaning and precision cleaning of coated and uncoated lenses for display purposes.

Properties

Foam-free above 25 °C, deconex® OP 152 has been developed especially for use with brushing units. It is formulated to provide a strong cleaning action in a wide range of applications.

The product formulation guarantees the effective removal of paper bag residues from stored lenses, light polishing compound residues, finger marks and dust from ophthalmic and sunglass lenses.

Dosage

In practice, the following dosage has given good results:

Dosage (ophthalmic and sunglass lenses)	Temperature	Exposure time
2-4%	50-65 °C	10-30 s
Dosage (flat glass)	Temperature	Exposure time
1-5%	45-60 °C	30-60 s

The product can be used with tap water.

The product will also effectively remove organic and inorganic residues during the manufacturing and processing of flat glass.

deconex® OP 152 has a high emulsifying and dispersing effect on loose contaminants thereby preventing them from being re-deposited on substrates. This characteristic enables long bath lifetime.

The product contains special surfactant compounds to ensure the optimum wetting of mineral glass, flat glass and all types of plastic glass including high-index material.

deconex® OP 152 is fully compatible with all the most widely used brushing materials. It does not effect the mechanical characteristics of brushes.

Ingredients

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

deconex® OP 152

Material compatibility

Suitable for:
Alkaline insensitive, organic and mineral ophthalmic and sunglass lenses, quartz, sapphire, flat glass, ceramics

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	12.8
Density	concentrate	1.36 g/ml
Appearance	concentrate	transparent, 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.swiss

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



advanced cleaning solutions