

# deconex<sup>®</sup> 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**

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