

deconex® OP 142

Highly alkaline special cleaning concentrate to remove residues of polishing compounds on organic ophthalmic lenses

For use in ultrasonic cleaning systems and in spray and sprinkling cleaning processes



Application

deconex® OP 142 is a liquid, highly alkaline and highly efficient cleaning concentrate to remove residues of polishing compounds on organic ophthalmic lenses.

deconex® OP 142 removes even dried up and encrusted residues of polishing compounds. Preferably, deconex® OP 142 is used in the first cleaning bath.

Properties

deconex® OP 142 is a phosphate free formula. deconex® OP 142 removes reliably dried up polishing compounds. By using deconex® OP 141, deconex® OP 148 or deconex® OP 153 in a second cleaning stage, optimal rinsing of the cleaning solution is achieved.

Ingredients

Alkalis, dispersing agent, sequestering agents, solubiliser

Dosage

The most favourable dosage mainly depends on the hardness of the water and the contamination's stubbornness, respectively on the contamination's composition, which has to be removed.

The following cleaning process has proven satisfactory in practice:

| Cleaning stage | Product | Concentrate | Temperature | Exposure time (US) |
|--|-----------------|-------------|-------------|--------------------|
| Bath | deconex® OP 142 | 5% | 50 °C | 4 min (23 kHz) |
| Bath | deconex® OP 153 | 5% | 50 °C | 4 min. (23 kHz) |
| If colour marks have to be removed in advance it is recommended to use deconex® OP 197 as follows: | | | | |
| | deconex® OP 197 | concentrate | 30 °C | 5 min. (23 kHz) |

Material compatibility

Suitable for:
Non coated organic ophthalmic lenses

Not suitable for:
Alkaline sensitive high precision optical glasses

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

deconex® OP 142

Chemical/physical data

| | | |
|------------|-------------|-------------------|
| pH | 1% | 12.6 |
| Density | concentrate | 1.5 g/mL |
| Appearance | concentrate | clear, colourless |

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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