

deconex® OP 164

Neutral, phosphate-free cleaning concentrate for precision optic components

For soaking baths and ultrasonic cleaning systems



Application

deconex® OP 164 is used for the gentle cleaning of precision optics and is applicable for the following processes: «prior to inspection», «prior to coating», «prior to assembly».

Properties

deconex® OP 164 is a neutral, phosphate-free liquid cleaning concentrate with a gentle action for cleaning precision optic components.

deconex® OP 164 contains special surfactant compounds to ensure full wetting of glass surfaces and a rapid, thorough cleaning action. It will clean and remove slightly adhesive organic and inorganic residues such as finger marks and dust. A sequestering agent effectively prevents the redepositing of loose contaminants.

deconex® OP 164 does not contain NTA.

Ingredients

Surfactant compounds, complexing agent, sequestering agents

Dosage

In practice, the following dosage has given good results:

Dosage	Temperature	Exposure time
1-5%	25-75 °C	3-10 min

We recommend to dilute the product with fully demineralized water.

Information on use

We recommend deconex® OP 192 or deconex® OP 193 for pre-cleaning prior to inspection.

Material compatibility

Suitable for:
Precision optic glass, quartz, sapphire, 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	7.8
Density	concentrate	1.05 g/mL
Appearance	concentrate	transparent, colourless to yellow

deconex® OP 164

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.