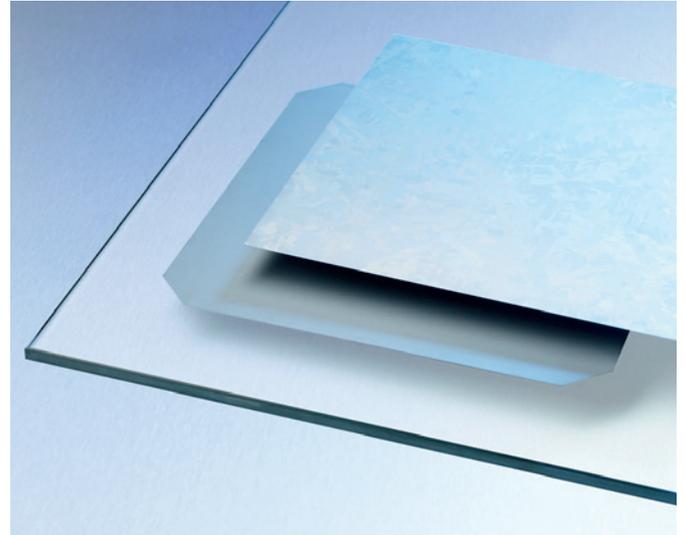


deconex® PV 114

**Mildly alkaline, phosphorous-free,
nonfoaming concentrated cleaner for
photovoltaic processes**

Suitable for use in horizontal in-line cleaning
systems with spray, brush and ultrasonic modules



Application

deconex® PV 114 is used to clean all types of photovoltaic substrates.

The cleaner is non-foaming and can be used in

- ultrasonic systems
- spray systems
- brush systems.

Properties

The concentrated cleaner is mildly alkaline and does not contain phosphorous. deconex® PV 114 gently cleans to remove organic and inorganic residues.

Dosage

In practice, the following dosage has given good results:

Dosage in in-line systems	Concentration	Temperature	Exposure time
Brush modules	1-3%	45-60 °C	30-60 s
Spray modules	1-3%	45-60 °C	30-60 s
Ultrasonic modules	1-3%	45-60 °C	30-60 s

Dosage in ultrasonic baths	Concentration	Temperature	Exposure time
Ultrasonic bath	1-5%	50-70 °C	3-10 min

Material compatibility

Suitable for:
silicon wafers, soda-lime flat glass, borosilicate flat glass, stainless steel, polyethylene, polypropylene, nylon

The complexing and sequestering agents in deconex® PV 114 also effectively prevent stripped soiling, particulates and metal ions being re-deposited on the substrate.

deconex® PV 114 is a high-performance cleaner with a long bath life.

deconex® PV 114 does not contain NTAs and phosphorous and rinses well to help safeguard downstream processes.

Ingredients

Alkalis, complexing agents, sequestrants

For materials not listed please conduct your own specific compatibility tests or consult Borer Chemie AG.

deconex® PV 114

Chemical/physical data

pH	1% solution in demineralized water	approx. 10.3
Density	concentrate	1.23 g/cm ³
Appearance	concentrate	clear, yellowish to brown

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.