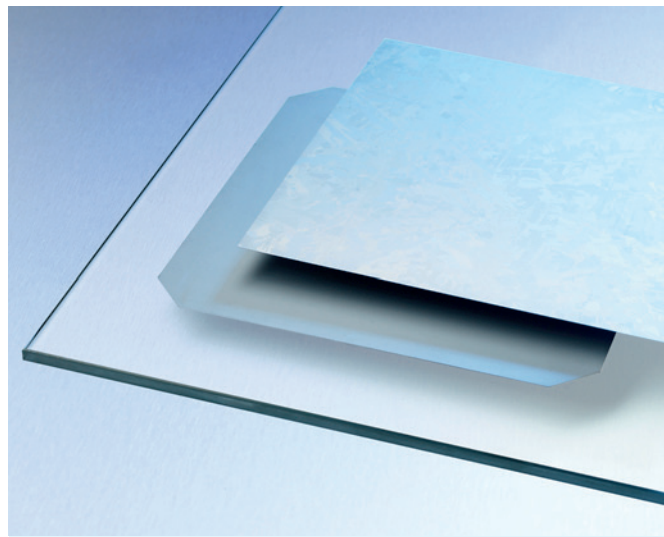


deconex® PV 100

Highly alkaline, non-foaming cleaning concentrate for photovoltaic processes

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



Application

deconex® PV 100 removes heavy soiling and residues from photovoltaic substrates such as

- Silicon wafers
- Flat glass

The cleaner does not foam and can be used in

- ultrasonic cleaning systems
- spray systems
- brush systems.

Properties

The cleaning concentrate is highly alkaline and has excellent cleaning power for removing organic and inorganic residues.

The complexing and sequestering components contained in deconex® PV 100 furthermore effectively prevent new deposits of dissolved soiling on the substrates.

deconex® PV 100 is NTA-free and offers excellent rinsability which helps guarantee the reliability of downstream processes.

Ingredients

Alkalies, complexing substances, sequestrants, surfactants

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 einer 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

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

deconex® PV 100

Chemical/physical data

pH	1% solution in demineralized water	approx. 11.8
Density	concentrate	1.18 g/cm ³
Appearance	concentrate	clear, slightly yellowish liquid

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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