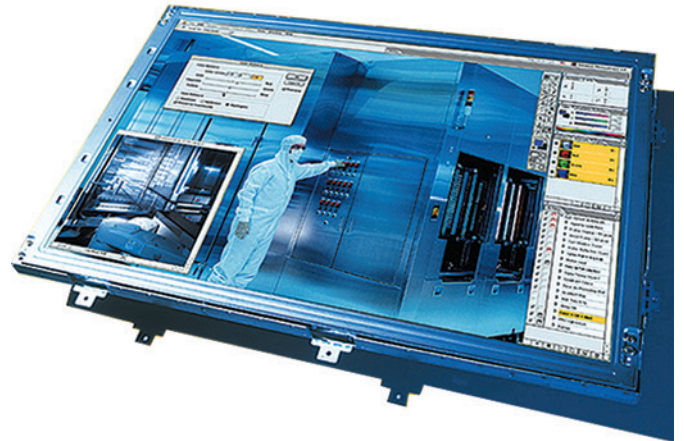


deconex® FPD 122

pH-neutral, phosphate-free brush and spray cleaner with excellent material compatibility

Suitable for horizontal brush and spray cleaning in-line systems



Application

deconex® FPD 122 is used for cleaning in production of all types of flat panel displays, e.g.

- TN liquid crystal displays
- STN liquid crystal displays
- TFT liquid crystal displays
- plasma display panels (PDP)
- vacuum fluorescence displays (VFD)
- electroluminescence displays (ELD)
- field emission displays (FED)
- organic light emitting diodes (OLED)

deconex® FPD 122 is used in brush and spray cleaning processes (including in in-line cleaning systems) for uncoated substrates like soda-lime, borosilicate, and quartz, as well as for coated substrates (e.g. ITO, aluminium, chrome, copper, nickel, etc.) and plastics.

Dosage

The dosage used depends primarily on the degree of contamination, the cleaning temperature, the transport velocity in the brush module and the speed at which the brushes rotate.

In practice, the following dosage has given good results:

| Dosage in in-line systems | Concentration | Temperature | Exposure time |
|---------------------------|---------------|-------------|---------------|
| Brush and spray modules | 1-5% | 45-60 °C | 30-60 s |

deconex® FPD 122 is compatible with hard water and can be dosed at 20 °C temperatures.

Material compatibility

Suitable for:
Soda-lime glass, borosilicate glass, quartz, aluminium, brass, copper, nickel, stainless steel (inox), polyethylene, polypropylene, polyvinylchloride, nylon

Properties

deconex® FPD 122 is a mildly alkaline, phosphate-free product with a gentle cleaning action. It is foam-free above 20°C and removes a broad range of organic and inorganic soiling.

Not only does deconex® FPD 122 delicately cleanse metallic surfaces crafted from aluminium, chrome, stainless steel (inox), copper, nickel, etc., but it also facilitates the thorough removal of soiling from plastic containers and blister packs, allowing for their reuse.

Ingredients

Surfactants, complexing substances

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

deconex® FPD 122

Chemical/physical data

| | | |
|------------|------------------------------------|----------------------------------|
| pH | 1% solution in demineralized water | approx. 9 |
| Density | concentrate | 1.09 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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