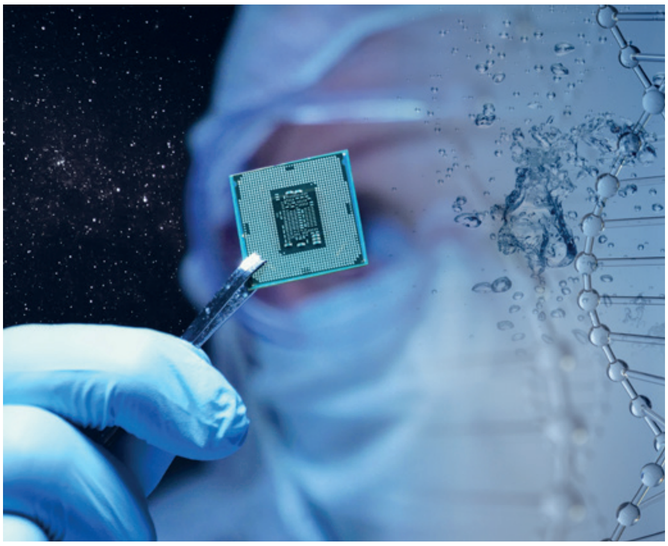
deconex® HPC 3602

Highly acidic, non-foaming cleaning concentrate for removing oxidation stains and annealing colours

Use in *rework*.
Suitable for spray cleaning systems with and without pressure change processes



deconex® HPC 3602 is an aqueous-based liquid, highly acidic, non-foaming cleaning concentrate for the targeted restoration of metallic surfaces. It removes oxidation stains, discolouration and annealing colours, returning the components to their original state.

The use of deconex® HPC 3602 in reworking operations helps to achieve a stable surface quality prior to further process steps.

Use

deconex® HPC 3602 is suitable for removing the following residues of metal surfaces:
- Oxidation stains
- Discolouration
- Annealing colours after thermal treatment
- Annealing colours after welding processes

The product is suitable for treating the following substrates:
- Aluminium
- Messing
- Copper
- Stainless steel
- Titanium

The product is suitable for spray cleaning processes with and without pressure changes.

The use of fully demineralised water is a prerequisite for reproducible cleaning quality.

Properties

deconex® HPC 3602 has the following characteristics:
- Liquid and water-based
- Non-foaming
- Highly acidic
- Free from fragrances and dyes

Contents

deconex® HPC 3602 contains:
- Inorganic acids
- Corrosion inhibitors
- Complexing agents
- Surfactants

Dosage

The following dosage information is for guidance only and can be adapted to suit the specific application.

Application	Dosage	Temperature	Time
Spraying system (with or without pressure change method)	1 – 10 %	50 – 70 °C	5 – 30 min

The optimum dosage depends on the nature and characteristics of the surface condition, the substrate to be treated, the cleaning technology used and the respective process conditions.
The process parameters of dosage, temperature and time must be adapted to the specific application, including the test specimen.

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Instructions for use

Thanks to its foam-free formulation, deconex® HPC 3602 is ideal for spray cleaning processes, both in spray-only systems and in spray/flood systems with ultrasonic and pressure change processes.

Once cleaning is complete, thorough rinsing with fully demineralised water is required.

Material compatibility

The product has been tested for compatibility with certain plastics, O-rings and hoses.

For detailed information on the test conditions, the materials tested and the results, please contact Borer Chemie AG.

Chemical-physical data

pH value	1% in demineralized water	approx. 1.6
Density	concentrate	1.30 g/mL
Appearance	concentrate	clear, colourless to yellow

Delivery

Please ask your local representative about available container sizes.

The containers, seals and labels are made from recyclable polyethylene.

Safety instructions

Read the safety data sheet carefully before use.

Empty, uncleaned containers and product residues must be treated as hazardous substances and disposed of in accordance with the safety data sheet.

Additional information

Information regarding safety in the workplace, storage and correct disposal / waste water can be found on the safety data sheet.

Locally applicable waste water and disposal regulations must be complied with.

Benefit from our expertise – we will gladly support you by providing practical information about your specific application.
Our products and services facilitate individually tailored, efficient cleaning processes.

For further information please do not hesitate to contact us at industry@borer.ch

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