

# deconex<sup>®</sup> de-coat 231

**For the removal of Cr, CrN and AlCrN on  
HSS and tool-grade steels**

Suitable for use in immersion baths and ultrasound  
equipment



## Usage

deconex<sup>®</sup> de-coat 231 is a powdery product that is used to remove the following coatings:

- Cr
- CrN
- AlCrN
- TiSiN/AlCrN

on the following substrates:

- HSS
- Tool steels such as 1.2067 (100Cr6) and 1.2379

Before decoating can take place, certain technical requirements must first be met. We recommend that you contact us in this regard.

## Application

The following application conditions have been found to be effective in practice:

Coating	Dosage	Temperature	Decoating time* (for 2 µm layer thickness)
CrN	150 g/L	20°C - max. 40°C	1-2 h
AlCrN	150 g/L	20°C - max. 40°C	1-2 h

\* The decoating time depends on the coating quality, coating structure and coating thickness.

Important additional informations on the application can be found in the decoating instruction.

## Ingredients

Oxidising agent, corrosion inhibitors, alkali

# deconex® de-coat 231

## Instructions for use

Decoating with deconex® de-coat 231 involves a simple, purely chemical method. Electrolysis is not required.

However, the following should be noted:  
Coatings containing chromium always form Cr6+ when decoated! Take appropriate safety measures and observe the precautions given in the safety data sheet!

The substrates must be cleaned oil-free and grease-free before decoating; Borer Chemie AG offers suitable cleaning solutions for this.

For the implementation of the decoating please use our decoating instructions.

## Neutralisation/disposal

It should be noted that the used decoating solution contains Cr6+ and should be treated as toxic hazardous waste!

Please refer to our disposal instructions for information on disposal.

It should be noted: The used decoating solution must be disposed of professionally by a disposal company. The safety data sheet can be referred to for this purpose. Locally applicable waste water and disposal regulations must be complied with.

## Material compatibility

- HSS
- Tool steels such as 1.2067 (100Cr6) and 1.2379

Independent compatibility tests should be carried out on materials other than those specified or requested from Borer Chemie AG.

## Chemical-physical data

pH value	1% in demineralised water	approx. 12.8
Appearance	Powder	orange

## Delivery

Please ask your representative regarding current container sizes.

Containers, screw caps, seals and labels are made from recyclable polyethylene.

## Additional information

Information regarding safety in the workplace, storage, disposal and waste water treatment can be found on the safety data sheet for this product and in the decoating and disposal instructions.

For professional use only.

For more information about the product and its use, please contact your supplier or Borer Chemie AG.

Benefit from our expertise! Ask us for practical information about your specific application.

### Manufacturer:

#### Borer Chemie AG

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