

# deconex® de-coat 301P

## Primer-Component of the two-component reaction stop system

Stops the decoating reaction of potassium permanganate to HSS and carbide

Suitable for use in immersion baths



### Usage

The two-component reaction stop system consists of the powdery primer **deconex® de-coat 301P** and is used together with the liquid activator deconex® de-coat 301L to stop the decoating reaction when using potassium permanganate solutions after removal of the following layers:

- CrN
- AlCrN
- AlCrN/SiN

Discolorations (manganese dioxide) on the substrates are removed and a carryover of potassium permanganate into the waste water is prevented.

In order for the reaction stop system to be implemented, 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:

Product	Dosage	Temperature	Exposure time
<b>deconex® de-coat 301P (Primer)</b>	14 g/L	20-25 °C	HSS: 2 - 3 min Carbide: 1 min
deconex® de-coat 301L (Activator)	160 mL/L	20-25 °C	HSS: 2 - 3 min Carbide: 1 min

### Ingredients

**deconex® de-coat 301P Primer:**  
Organic acids, dispersing agents

deconex® de-coat 301L Activator:  
Corrosion inhibitors, dispersing agents

# deconex® de-coat 301P

## Instructions for use

For the implementation please use our instructions for use.

Only compensate for losses due to evaporation with demineralised water!

A fine cleaning should be carried out after treatment. We will recommend a cleaning system to you that is adapted to our deconex® products.

## Neutralisation/disposal

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 sheets of the individual products can be used for this purpose. Locally applicable waste water and disposal regulations must be complied with.

## Material compatibility

Suitable for:

- HSS
- Carbide

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

## Chemical-physical data

### deconex® de-coat 301P

pH value	1% in demineralised water	approx. 3.2
Appearance	Powder	cream white

### deconex® de-coat 301L

pH value	1% in demineralised water	approx. 8.9
Density	Concentrate	1.05 g/mL
Appearance	Concentrate	clear, colourless to yellow

## 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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