

## BONDERITE M-AD 565

June 2015

### PRODUCT DESCRIPTION

BONDERITE M-AD 565 provides the following product characteristics:

<b>Technology</b>	Metal Pretreatment
<b>Product Type</b>	Additive for pretreatment baths (pH-adjustment)
<b>Application</b>	Immersion, spray, etc. (All applications)

### Application Areas

BONDERITE M-AD 565 can be used to reduce the Free Acid in zincphosphating baths.

BONDERITE M-AD 565 can be used to increase the pH in ironphosphating processes.

### TECHNICAL DATA

Appearance	clear liquid
Composition	alkaline solution
Density, g/cm <sup>3</sup>	~1.1
pH-value	alkaline

### DIRECTIONS FOR USE

#### Preliminary statement:

Prior to use it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

#### Application:

To reduce the Free Acid in zinc phosphating baths for 0.1 points add to each 1,000 L of bath volume:

BONDERITE M-AD 565                      0.4 kg = 0.36 L

BONDERITE M-AD 565 shall be added to the zincphosphating bath very slowly and pre-diluted (approx. 1:4) in an area of the bath where the bath agitation is very good to avoid over-neutralization (sludge formation).

To increase the pH, add BONDERITE M-AD 565 in small steps to the ironphosphating bath.

After good mixing of the bath, measure the pH and add once more if necessary.

#### Classification:

Please refer to the corresponding **Material Safety Data**

**Sheets** for details on:

**Hazards identification**

**Transport information**

**Regulatory information**

#### Storage

Recommended Storage Temperature, °C      0 to 50

Shelf-life, months                                      36

(in unopened original packaging)

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