

## BONDERITE S-AD 60500

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### PRODUCT DESCRIPTION

BONDERITE S-AD 60500 provides the following product characteristics:

<b>Technology</b>	Industrial Cleaner
<b>Product Type</b>	Inhibitor for acids
<b>Application</b>	Mineral acids

BONDERITE S-AD 60500 is a new, environmentally compatible pickling inhibitor, free of carcinogenic or SVHC-containing materials (substances of very high concern).

BONDERITE S-AD 60500 is a nonfoaming, liquid inhibitor for hydrochloric acid, e. g. prior to electroplating or phosphating.

BONDERITE S-AD 60500 has a strong inhibiting effect and prolongs the pickling time only insignificantly.

BONDERITE S-AD 60500 inhibits the attack of hydrochloric acid on ferrous materials.

The product is also suitable for sulphuric acid, less suitable for mixtures of phosphoric acid.

### 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.

#### Bath Make-up:

For each 1,000 L of bath containing the pickling agent, add with stirring or pump circulating:

BONDERITE S-AD 60500: 0.5 to 3.0 kg = 0.47 to 2.83 L

#### Operating Parameters:

Temperature up to 85 °C\*  
Treatment time as required

\*for temperature up to 40°C also BONDERITE S-AD 60 can be used.

#### Replenishment:

When the pickling bath is replenished with concentrated pickling acid also the proportion of BONDERITE S-AD 60500 has to be supplemented.

For each 100 kg of concentrated pickling acid add:

BONDERITE S-AD 60500: 0.5 to 1.5 kg = 0.47 to 1.41 L

#### General Remarks:

The proportion of BONDERITE S-AD 60500 has no influence on the sewage water treatment of the pickling acid.

Caution: BONDERITE S-AD 60500 contains hydrochloric acid (<10 %).

Observe safety regulations. Shield eyes with tightly fitting safety glasses, wear rubber gloves and acid resistant safety clothes!

#### Storage:

Recommended Storage Temperature, °C -5 to 40  
Shelf-life, months 36  
(in unopened original packaging)

#### Classification:

Please refer to the corresponding **Material Safety Data Sheets** for details on:

**Hazards identification**  
**Transport information**  
**Regulatory information**

## ADDITIONAL INFORMATION

### Disclaimer

#### Note:

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