

BONDERITE S-AD 60

Known as Rodine 60 July 2020

PRODUCT DESCRIPTION

BONDERITE S-AD 60 provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Inhibitor for hydrochloric acid
Application	Hydrochloric acid
Operating Temperature	up to 40 °C
Concentration	1 to 6 g/L

BONDERITE S-AD 60 has a strong inhibiting effect in hydrochloric acid and prolongs the pickling time only insignificantly. Hydrochloric acid solution which contains BONDERITE S-AD 60 should not be heated higher than 40 °C as the efficiency of the inhibitor drops above this temperature.

Application Areas:

BONDERITE S-AD 60 is a liquid inhibitor for hydrochloric acid which is especially suited prior to enamelling, galvanizing or electroplating. It is excellently suited as an inhibitor in hydrochloric acid containing cleaning and descaling solutions as they are used in the beverage industry.

TECHNICAL DATA

Appearance brownish liquid Density at 20°C, ~1.08 g/cm³

DIN 51757

pH-value (20% solution): ~8.5

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 1000 L of bath add the needed amount carefully to the circulating system.

BONDERITE S-AD 60 0.5 to 3.0 kg (0.5 to 3.0 L)

Operating data:

Temperature: up to 40 °C Treatment time: as required

Bath replenishing:

When the pickling bath is replenished with concentrated pickling acid the proportion of BONDERITE S-AD 60 also needs to be supplemented. For each 100 kg of concentrated pickling acid add:

BONDERITE S-AD 60 0.5 to 2.0 kg (0.5 to 2.0 L)

Classification:

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

Hazards identification Transport information Regulatory information

Storage:

Recommended Storage -15 to 40°C

Temperature

Shelf-life, months 36 Frost-Sensitive yes



ADDITIONAL INFORMATION

Disclaimer

Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product. Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

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