

BONDERITE M-AD ZN-2

Known as Additive Zn-2 October 2017

PRODUCT DESCRIPTION

BONDERITE M-AD ZN-2 provides the following product characteristics:

Technology	Metal Pre-Treatment
Product Type	Additive for pretreatment processes
Application	immersion or spray process

BONDERITE M-AD ZN-2 is a liquid additional product, composed of inorganic salt, inorganic acid, nitrateand water.

Application Areas:

BONDERITE M-AD ZN-2 is used in spray- and spray/immersion processes. It must be combined with a suitable cleaning booster.

BONDERITE M-AD ZN-2 is used to increase the zinc content in pretreatment processes.

TECHNICAL DATA

Appearance	clear, colourless liquid
Density, g/cm³	~1.44
pH (100 % solution)	2.3

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 1,000 L:

To increase the zinc content by 0.1 g/L add to the 1,000 L bath:

BONDERITE M-AD ZN-2 0.73 kg = 0.5 L

The product shall be added to the phosphate bath slowly with good bath agitation and preferably diluted with water. With this procedure it shall avoid an overconcentration with zinc in the dosing area of the bath (sludge building).

BONDERITE M-AD ZN-2 should only be used exceptionally as additional product, not on a regular basis.

Is the zinc content in the bath often too low, please look for the reason. Often, switching to another replenisher is

recommended.

Classification:

Please refer to the corresponding Material Safety Data Sheets for details on: Hazards identification Transport information Regulatory information

Storage:

Recommended Storage Temperature	0 to 50°C
Shelf-life, months	36
(in unopened original packaging)	



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 and the suitability of the suitability of a second and the subscience 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 liability and the subscience of the su

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