

## Cleaner SLOTOCLEAN S 20 – 3x

Cleaner SLOTOCLEAN S 20 - 3x is an acid based process for the cleaning and activating of printed circuit boards.

The solution can be made with either sulphuric acid or phosphoric acid. The use of phosphoric acid is preferred when pre-treating Invar.

Cleaner SLOTOCLEAN S 20-3x contains surfactants and deoxidisers and is therefore effective at removing grease and oxides. In addition, there is minimal attack on the substrate (0.5 - 1  $\mu\text{m}/\text{h}$ ).

Cleaner SLOTOCLEAN S 20-3x does not contain complexing agents, making effluent treatment simple. Additionally it does not contain any alkylphenoethoxylate and is AOX - free

The information in this data sheet is based on laboratory as well as practical experience. Figures quoted for operating limits and replenishment quantities are for guidance. Actual values necessary will depend on the components being plated (material and geometry), their application and plating plant conditions.

### Important :

Please read this instruction carefully prior to the use of the process and carefully follow all the parameters that have a direct influence on the operation. We reserve the right to make technical changes. In the interest of safety, please pay attention to the hazard warnings on the labels of the containers. The minimum shelf life of the products is included on the labels and is also available in the appropriate Quality Assurance (QA03).

The current IMDS number of the layer deposited from the process is available on the internet at [www.schloetter.com/downloads](http://www.schloetter.com/downloads).

For the storage of chemical products the HSG71 is suggested as guidance.

**If the additives used in this process contain a SVHC-substance, then this will be specified in the corresponding Material Safety Data Sheet, section 15.**