

# NEUT1

NEUTRALIZING SOLUTION FOR METAL PLATING

## DESCRIPTION

Neutralizing solution in most cases is an acidic blend. Given that most surface preparation agents are heavy alkaline in nature, the acid acts as a neutralizing agent and eliminates any residue of the cleaner that remains on the metallic substrate as drag-out. The neutralization tank is a very important step. If the degreaser /electro-cleaner is introduced into the subsequent plating solutions via drag-in, the pH of the baths risk dramatic fluctuation due to cross contamination resulting in poor plating results or metal precipitation.

## PRODUCT FORM

Product pH	Acidic
Format	Ready to use liquid
Color of the product	Colorless
Storage time	2 years
Packaging	5 L

## PRODUCT USAGE

### RANGE

### OPTIMAL

Working temperature [°C]

20 - 40

25

**USER GUIDE****READY TO USE SOLUTION PREPARATION**

NEUT1 is a ready-to-use neutralization solution. No preparation is required. Pour it directly into working tank and start to work.

**WORKING TANK MATERIALS**

For a correct use of this product you are advised to use PVC, polypropylene or PYREX glass tanks provided with thermostat-controlled heaters.

**SUPPLEMENTARY INFORMATION**

**THE BEST WAY OF USAGE:** it is advisable to dip the items inside the neutralization solution for 4-5 subsequent times rather than to leave items inside the neutralization solution for a couple of seconds. In this way the action of the acidic solution will be more effective to the surface to be neutralized and activated respect to the following plating steps. **WORKING SOLUTION LIFETIME:** degradation of the neutralizing solution is directly dependent on the quantity of material washed and on the level of contamination present in the solution. It is not possible to determine before the lifetime of the solution. Once exhausted, the solution must be discharged according to the local laws present to this concern.

**SAFETY INFORMATION**

Being an acidic solution, the solution is an irritant to the skin, eyes and mucous membranes. Caution should be exercised when using the product, avoiding contact with the eyes and skin. Use gloves and safety goggles. Keep away from acid-based chemicals. For further information please refer to the relative MSDS.

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