

DESCRIPTION

Electrolytic degreasing solution is used to activate any metallic substrate- surface before the real plating treatment. Basically, it is an alkaline solution that helps in both cleaning and preparation for the surface to be prepared. This process can be done in a wide temperature range generally between 25 and 50°C and by applying an electric tension of about 6V by the usage of a stainless-steel anode as positive electrode. In this way the electrolytic process develops a high quantity of gaseous hydrogen bubbles that mechanically helps the whole preparation step.

PRODUCT FORM

Product pH	Alkaline
Format	Powder
Color of the product	White - pale yellow
Storage time	2 years
Packaging	1 kg

PRODUCT USAGE**RANGE****OPTIMAL**

Voltage [V]	4 - 8	6
Working temperature [°C]	20 - 40	25
Treatment time [sec]	30 - 120	60
Concentration [g/l]	50 - 100	80
Anode type	Stainless steel	

RELATED PRODUCTS - INSTALLATION

SGR1P.1KG*	Electrolytic degreasing powder - 1 kg
SGR1P.25KG*	Electrolytic degreasing powder - 25 kg

* Product which is subject to the international regulations concerning transportation of dangerous goods

USER GUIDE**READY TO USE SOLUTION PREPARATION**

SGR1P is generally used in the concentration of 80 g per every liter of ready-to-use solution to be prepared. In order to prepare the ready-to-use solution follow these steps:

- Fill the working tank with half of the final volume to prepare with preferably deionized water or tap water.
- Add, under stirring, the required quantity of SGR1P and, once dissolved, bring to the final volume with the remaining portion of water.
- Example for the 10 liters solution preparation
- Fill the working tank with 5 liters of water;
- Add under stirring 800 grams of SGR1P powder.
- Once all the powder has been dissolved, bring to final volume with other 5 liters of water. Saline concentration: 50 – 100 g/l (range); 80 g/l is the optimum.

ANODES

Work with stainless steel anodes as AISI 304 or 316 type.

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.

HEATING SYSTEM

The admitted materials for heaters are: Pyrex, quartz or PTFE and stainless steel AISI 304 or 316.

SUPPLEMENTARY INFORMATION

WORKING SOLUTION LIFETIME: degradation of the degreasing solution made with SGR 1P 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 alkaline solution, the electrolyte 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.

DISCLAIMER

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