



# SOLVIT N°3

Deoxidation and degreasing prior to vacuum metallization and electroplating, in ultrasonic processes.

## COMPATIBILITY:

- Nickel, nickel silver
- Copper, brass
- Steels, stainless steels
- Ceramic

## INGREDIENTS:

- Acids, surfactants
- Chelating agents

## PHYSICAL AND CHEMICAL DATA:

- pH concentrated: 0.00
- pH (1%): 1.50
- Density: 1.438
- Surface tension of concentrated chemical: 35.0 mN/m

## INSTRUCTIONS FOR USE:

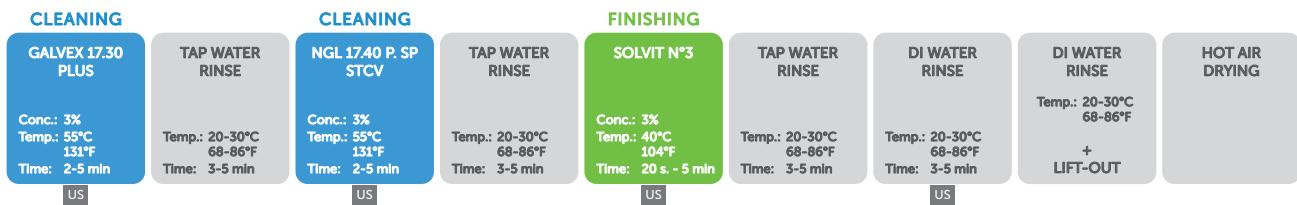
The optimum conditions for use are affected by the quality of the water used in the baths and the type and quantity of contaminants.

- Concentration with ultrasonic: 3 to 10%
- Concentration without ultrasonic: 10 to 30%
- Temperature: 20 to 60°C / 68 to 140°F (depending on the metal)\*
- Time: 20 sec. to 5 minutes

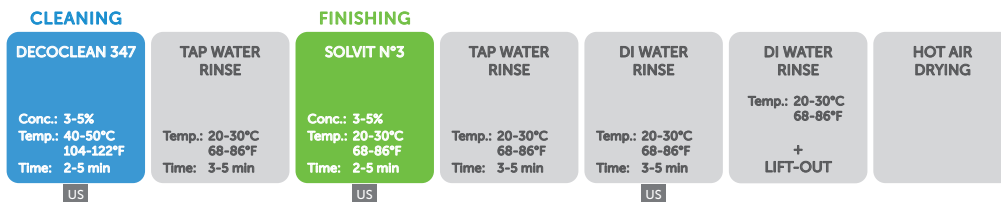
\* stainless steel: 60 to 70°C / 140 to 158°F

## PROCESS EXAMPLES:

- Surface preparation prior to PVD: nickel steel/chromed faucets



- Surface preparation prior to PVD: aluminium nickeled/chromed faucets



## BENEFITS:

- Ensures perfect degreasing due to its excellent emulsifying power
- Does not attack the surfaces (at recommended temperature)
- Deoxidizes and conditions the surfaces prior to vacuum metallization and electroplating (chrome and nickel plating)
- Removes graphited oils, polishing compounds, laser oxydation (in ultrasonic process)

22/01/21

## STORAGE CONDITIONS:

- Keep the recipient hermetically sealed between 5°C and 40°C (41°F and 104°F) in a dry place.
- Always keep in packaging made from the same material as the original packaging.



If you have any questions, please contact our Application Centre on: +41 22 365 46 66

