



# VACUKLEEN SUPRA

Highly alkaline liquid product, used in ultrasonic processes, for the complete and rapid removal of oil and polishing compounds.

## COMPATIBILITY:

- Titanium
- Steel/Stainless steel
- Ceramics
- Carbides and hard metals

**Incompatibility:** aluminium, zamak, nickel silver and copper alloys

## INGREDIENTS:

- Strong alkali, surfactants, phosphates
- Chelating agents, anti-corrosion agents

## PHYSICAL AND CHEMICAL DATA:

- pH concentrated: 14
- pH (1%): 12.3
- Density: 1.214
- Surface tension: 30.9 mN/m

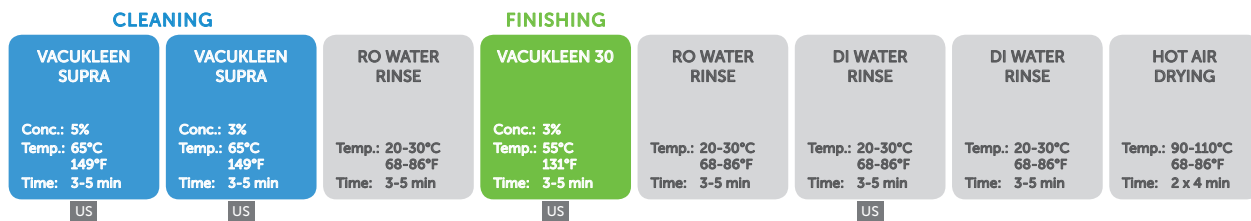
## INSTRUCTIONS FOR USE:

Optimum use conditions may be affected by the quality of the water used in the baths, as well as the type and quantity of contaminants.

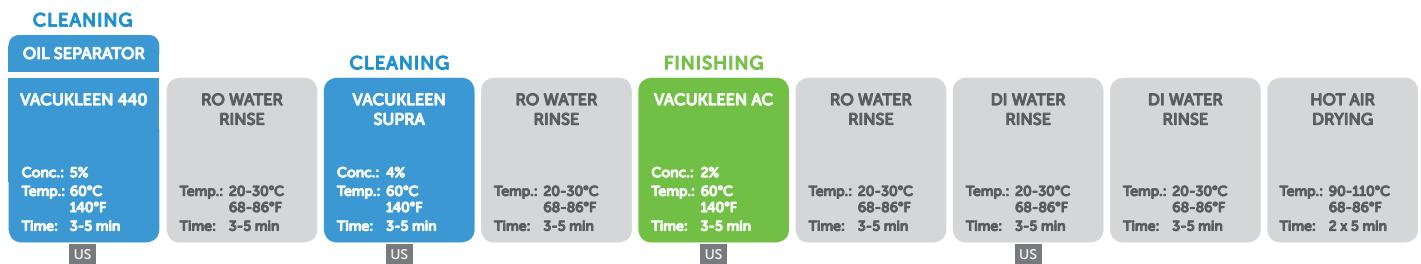
- Concentration: 3 to 5%
- Temperature: 60 to 70°C (140 to 158°F)
- Time: 3 to 5 minutes

## PROCESS EXAMPLES:

- Cleaning hard metal cutting bars



- Cleaning cutting tools made out of carbide and sensitive steel



## BENEFITS:

- Excellent preparation of surfaces before vacuum metallisation (P.V.D)
- Perfect emulsification and solubilisation of greasy residues
- Water-repellent surface
- Does not attack the cobalt
- Long bath life

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## 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

