



GP 17.40 SUP

Lightly alkaline detergent powder with a hydrophilic finish used in ultrasonic processes.



METAL FINISHING RANGE

FUNCTION	APPLICATION/POLLUTION
Finish product in ultrasonic processes	Hydrophilic finish

COMPATIBILITY

- Aluminium
- Copper alloys :
 - Brass, leaded and unleaded
 - Cuproaluminium, cupronickel, bronze, nickel silver
- Precious metals:
 - Gold, silver, platinum
- Titanium
- Tempered steel:
 - Durnico, Maraging, 20AP
- Stainless steel:
 - Austenitic (303, 304, 316)
 - Martensitic (420, PH)
- Ceramics
- Polymers

COMPONENTS

- Surfactants, phosphates
- Chelating agents
- Corrosion inhibitor

PHYSICOCHEMICAL DATA

- pH (3%): 9.9
- Density: n.m
- Surface tension: 27.9 mN/m

INSTRUCTIONS FOR USE*

- Concentration: 5 to 20 g/L
- Temperature: 40 to 70°C (104°F to 158°F)
- Time: 1 to 3 minutes

*Dependent on the quality of the water and the nature and quantity of contaminants.

PROCESS EXAMPLE

- Ultrasonic surface preparation prior to pvd

CLEANING

GP 17.40 SUP	TAP WATER RINSE	DI WATER RINSE	DI WATER RINSE	HOT AIR DRYING
Tap water Conc.: 1-5% Temp.: 40-60°C 104-140°F Time: 3-5 min	Temp.: 20-30°C 68-86°F Time: 2-3 min	Temp.: 20-30°C 68-86°F Time: 1-2 min	Temp.: 20-30°C 68-86°F Time: 1-2 min	

US

ULTRASONIC CLEANING

Surfactants

Cavitation bubbles

Polishing paste

Substrate

Parameters for cleaning:

T° + % + Time + US

Clean and bright surface.
Cleaned blind holes.

05/01/24

STORAGE CONDITIONS

- Keep the container 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 (HDPE).



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

