



UNISON 1

Universal liquid detergent for the removal of polishing pastes, soluble oils and light pollutions in ultrasonic process.



LUXURY ACCESSORIES RANGE

FUNCTION	APPLICATION/POLLUTION
Ultrasonic cleaning. Interoperation, surface preparation.	Soluble oils, polishing pastes, tumbling residues, etc.

COMPATIBILITY

- Stainless steel
 - Brass (leaded and unleaded)
 - Rhodium, palladium
 - ABS
 - Aluminium
 - Nickel Silver
 - Stones*:
 - Mother of pearl, coral, malachite
 - Gold: white, pink, yellow
- *Please contact NGL before implementing a process

COMPONENTS

- Surfactants, chelating agents
- No CMR compound, REACH compliant

PHYSICO-CHEMICAL DATA

- pH concentrated: 10.9
- Density: 1.01
- Surface tension: 31.0 mN/m

INSTRUCTIONS FOR USE*

- Concentration: 2 to 5%
- Temperature: 40 to 70°C
- Time: 3 to 5 minutes

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

PROCESS EXAMPLES

- Cleaning after polishing

CLEANING

UNISON 1 Tap water Conc.: 2-5% Temp.: 40-70°C 104-158°F Time: 3-5 min US	UNISON 1 Tap water Conc.: 2-5% Temp.: 40-70°C 104-158°F Time: 3-5 min US	TAP WATER RINSE Temp.: 20-30°C 68-86°F Time: 3 min	DI WATER RINSE Temp.: 20-30°C 68-86°F Time: 3-5 min US	DI WATER RINSE Temp.: 20-30°C 68-86°F Time: 3-5 min	HOT AIR DRYING
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- Final cleaning and brightening

CLEANING

UNISON 1 Tap water Conc.: 2-5% Temp.: 40-70°C 104-158°F Time: 3-5 min US	TAP WATER RINSE Temp.: 20-30°C 68-86°F Time: 3-5 min	FINISHING RODASTEL 30 Tap water Conc.: 3-5% Temp.: 30-60°C 86-140°F Time: 2-3 min US	TAP WATER RINSE Temp.: 20-30°C 68-86°F Time: 3-5 min	DI WATER RINSE Temp.: 20-30°C 68-86°F Time: 3-5 min	DI WATER RINSE Temp.: 20-30°C 68-86°F Time: 3-5 min	HOT AIR DRYING
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ULTRASONIC CLEANING

Surfactants

Cavitation bubbles

Polishing paste

Substrate

Parameters for cleaning:

T° + % + Time + US

Clean and bright surface.
Cleaned blind holes.

10/05/22

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 (HDPE).



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

