



MESSERCLEAN 2022

Mildly alkaline liquid detergent for removing polishing compounds, soluble oils and light pollution in ultrasonic processes.



AEROSPACE & AUTOMOTIVE RANGE

FUNCTION	APPLICATION/POLLUTION
Ultrasonic process cleaning	Soluble oils, polishing pastes, tumbling residues

COMPATIBILITY

- Aluminium 2024, 6061, 6082, 7075
- Titanium, TA6V
- Copper alloys:
 - Brass
 - Bronzes
- Ceramics
- Polymers
 - Nylon, PA, PEEK
- Super alloys :
 - Inconel, Waspalloy, A286
- Hard steels :
 - 52100 Chrome steel, cast iron
 - 15-5 PH, 17-4 PH
- Bearing steels :
 - D50, 440C, 316

COMPONENTS

- Organic acid, surfactants, phosphates
- Chelating agents, anti-corrosion agents

PHYSICOCHEMICAL DATA

- pH concentrated: 0.5
- Density: 1.06
- Surface tension: 26.8 mN/m

INSTRUCTIONS FOR USE*

- Concentration: 3 to 10%
- Temperature: 35 to 60°C (95 to 140°F)
- Time: 30 seconds to 5 minutes

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

PROCESS EXAMPLE

- Removal of polishing compounds in ultrasonic process

CLEANING

MESSERCLEAN 2022	TAP WATER RINSE	DI WATER RINSE	HOT AIR DRYING
Tap water Conc.: 3-10% Temp.: 35-60°C 95-140°F Time: 30 s.-5 min	Temp.: 20-30°C 68-86°F Time: 2-3 min	Temp.: 20-30°C 68-86°F Time: 2-3 min	

US

ULTRASONIC CLEANING

Surfactants

Cavitation bubbles

Polishing paste

Substrate

Parameters for cleaning:

T° + % + Time + US

Clean and bright surface.
Cleaned blind holes.

22/11/23

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

