



# OPTICAL 2021

Highly alkaline and solvent-based detergent used in ultrasonic cleaning for the removal of alumina and cerium oxide residues, marking inks, lacquers, and glues.



## WATCH INDUSTRY

FUNCTION	APPLICATION/POLLUTION
Ultrasonic cleaning for the removal of apolar and abrasive pollutions	Inks, lacquers, glues, abrasives

### COMPATIBILITY

- Glass :
  - Acrylic
  - Mineral
  - Sapphire

### INGREDIENTS

- Strong alkalis, surfactants, solvent
- No phosphates
- No CMR compounds, REACH compliant

### PHYSICAL AND CHEMICAL DATA

- pH concentrated: 14
- Density: 1.09
- Surface tension: 29.9 mN/m

### INSTRUCTIONS FOR USE\*

- Concentration: 5 to 100% according to the uses
- Temperature: 40 to 55°C (104 to 131°F)
- Time: 3 to 5 minutes

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

### PROCESS EXAMPLES

- Removal of blocking glue and polishing abrasives

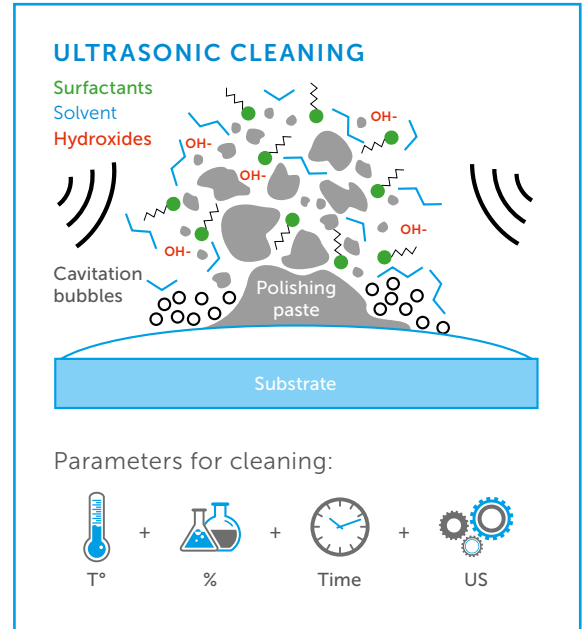
#### CLEANING

<b>OPTICAL 2021</b> Tap water Conc.: 5-100% Temp.: 40-55°C 104-131°F Time: 3-5 min US	<b>OPTICAL 2021</b> Tap water Conc.: 5-100% Temp.: 40-55°C 104-131°F Time: 3-5 min US	<b>TAP WATER RINSE</b> Temp.: 20-30°C 68-86°F Time: 2-3 min	<b>DI WATER RINSE</b> Temp.: 40°C 104°F Time: 1-2 min	<b>HOT AIR DRYING</b>
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- Removal of blocking glue, abrasives and finishing

#### CLEANING

<b>OPTICAL 2021</b> Tap water Conc.: 5-100% Temp.: 40-55°C 104-131°F Time: 3-5 min US	<b>OPTICAL V</b> Tap water Conc.: 3-5% Temp.: 40-60°C 104-140°F Time: 3-5 min US	<b>TAP WATER RINSE</b> Temp.: 20-30°C 68-86°F Time: 2-3 min	<b>FINISHING</b> <b>NANOCLEAN 2018</b> Tap water Conc.: 1-5% Temp.: 40-60°C 104-140°F Temps: 3-5 min US	<b>TAP WATER RINSE</b> Temp.: 20-30°C 68-86°F Time: 1-2 min	<b>DI WATER RINSE</b> Temp.: 40°C 104°F Time: 1-2 min US	<b>DI WATER RINSE + LIFT OUT</b> Temp.: 40°C 104°F Time: 1-2 min	<b>HOT AIR DRYING</b>
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29/11/22

### 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

