



# PRECIOPTIC 18.22

Light alkaline, phosphate free liquid detergent used in ultrasonic processes for antistatic finishing.



## PRECISION OPTICS RANGE

FONCTION	APPLICATION/CONTAMINATION
Ultrasonic cleaning, antistatic finish	Polishing residues, dust, fingerprints

### COMPATIBILITY

- Photographic materials:
    - Sapphire
    - Crown and Flint glasses\*
    - Borosilicate
  - UV/IR materials:
    - Zinc selenide (ZnSe)
    - Zinc Sulfide (ZnS)
    - Germanium
- \*Except climate and alkali sensitive materials. Please contact NGL before implementing a process.

### INGREDIENTS

- Surfactants, solvating agents, chelating agents
- No phosphates
- No CMR compounds, REACH compliant

### INSTRUCTIONS FOR USE\*

#### CLEANING PROCESS

- Concentration : 3 to 5%
- Temperature : 45 to 55°C
- Time: 3 to 5 minutes

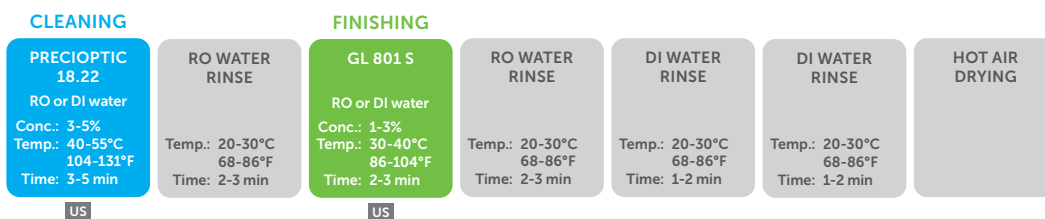
#### FINISHING PROCESS

- Concentration : 1 to 3%
- Temperature : 40 to 50°C
- Time: 2 to 4 minutes

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

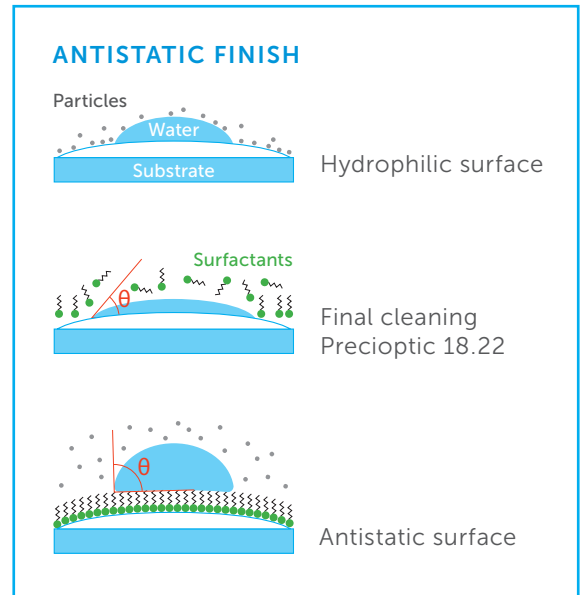
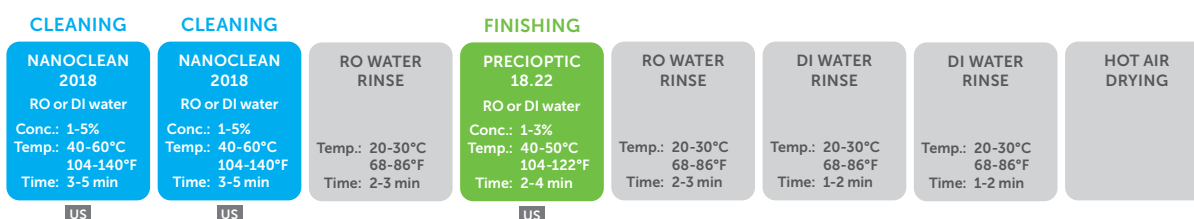
### CLEANING PROCESS EXAMPLE

- Polishing residues removal from sensitive glass in ultrasonic process



### FINISHING PROCESS EXAMPLE

- Surface preparation prior to entry into cleanroom



05/01/24

### PHYSICAL AND CHEMICAL DATA

- pH concentrated: 10.5
- Density: 0.98
- Surface tension: 28.5 mN/m

### 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

