

GL 801 S

Light alkaline product with a hydrophilic superfinish used in ultrasonic processes.



PRECISION OPTICS RANGE

FUNCTION	APPLICATION/POLLUTION
Hydrophilic superfinish prior to surface treatment	Alkaline residues

COMPATIBILITY

- Photographic materials:
 - Crown and Flint glasses*
 - Borosilicate
- UV/IR materials:
- Chalcogenides
- Fused Silica
- Calcium, magnesium fluorides

- Sapphire
- Silicon (Si)
- Zinc selenide (ZnSe)
- Zinc Sulfide (ZnS)
- Germanium

*Except climate and acid sensitive materials. Please contact NGL before implementing a process.

Hydrophobic surface Reduction of the surface tension of water by surfactants Hydrophilic finish

COMPONENTS

- Surfactants
- Phosphates (< 2%)
- No CMR compounds, REACH compliant

PHYSICOCHEMICAL DATA

pH concentrated: 6.7

■ Density: 1.01

Surface tension: 27.5 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).

INSTRUCTIONS FOR USE*

■ Concentration: 1 to 3%

Temperature: 30 to 40°C (86 to 104°F)

■ Time: 2 to 3 minutes

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

PROCESS EXAMPLE

Cleaning and hydrophilic superfinish

CLEANING	
NANOCLEAN 2018	
RO or DI water	
Conc.: 1-5%	
Temp.: 40-60°C	
104-140°F	
Time: 3-5 min	

US

RO WATER RINSE

Temp.: 20-30°C 68-86°F Time: 2-3 min GL 801 S

RO or DI water
Conc.: 1-3%
Temp.: 30-40°C
86-104°F
Time: 2-3 min

RO WATER RINSE

Temp.: 20-30°C
68-86°F
Time: 1-2 min DI WATER RINSE Temp.: 20-30°C 68-86°F Time: 1-2 min

DI WATER RINSE

Time: 1-2 min

HOT AIR DRYING



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





13/01/23