



# DECOCLEAN 540

Strong alkaline and phosphate free liquid detergent for the removal of neat oil. Requires an oil separator.



## PRECISION OPTICS RANGE

FUNCTION	APPLICATION/POLLUTION
Spray cleaning. Oil removal in ultrasonic processes with an oil separator	Neat oils, abrasives

### 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 alkali and climate sensitive materials. Please contact NGL before implementing a process.

### COMPONENTS

- Strong alkalis, chelating agents
- No CMR compounds, REACH compliant
- No phosphates

### INSTRUCTIONS FOR USE\*

- Concentration: 1 to 5%
- Temperature: 50 to 70°C (122°F to 158°F)
- Time: 2 to 5 minutes

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

### PROCESS EXAMPLES

- Grinding oil removal

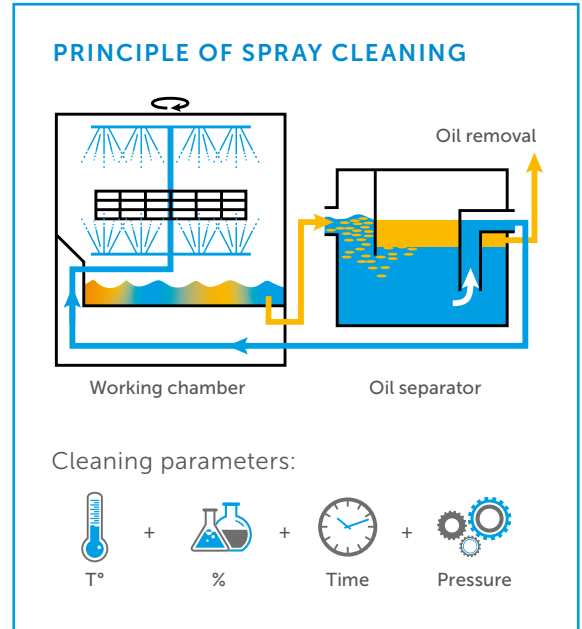
#### CLEANING

<b>DECOCLEAN 540</b> RO or DI water Conc.: 1-5% Temp.: 50-70°C 122-158°F Time: 2-5 min Spray cleaning	<b>DECOCLEAN 540</b> RO or DI water Conc.: 1-5% Temp.: 50-70°C 122-158°F Time: 2-5 min Spray cleaning	<b>RO WATER RINSE</b> Temp.: 20-30°C 68-86°F Time: 1-2 min Spray cleaning	<b>RO WATER RINSE</b> Temp.: 20-30°C : 68-86°F Time: 1-2 min Spray cleaning	<b>DI WATER RINSE</b> Temp.: 20-30°C : 68-86°F Time: 1-2 min Spray cleaning	<b>HOT AIR DRYING</b>
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- Grinding oil removal and hydrophilic finish

#### CLEANING

<b>DECOCLEAN 540</b> RO or DI water Conc.: 1-5% Temp.: 50-70°C 122-158°F Time: 2-5 min US	<b>OPTICAL V</b> RO or DI water Conc.: 3-5% Temp.: 40-60°C 104-140°F Time: 3-5 min US	<b>RO WATER RINSE</b> Temp.: 20-30°C 68-86°F Time: 2-3 min	<b>OPTICAL 10L</b> RO or DI water Conc.: 1-3% Temp.: 30-60°C 86-140°F Time: 2-3 min US	<b>RO WATER RINSE</b> Temp.: 20-30°C 68-86°F Time: 1-2 min	<b>DI WATER RINSE</b> Temp.: 20-30°C 68-86°F Time: 1-2 min US	<b>DI WATER RINSE</b> Temp.: 20-30°C : 68-86°F Time: 1-2 min	<b>HOT AIR DRYING</b>
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23/11/22

### PHYSICOCHEMICAL DATA

- pH concentrated: 13.9
- Density: 1.27
- Surface tension: 34.2 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

