



# RODACLEAN 2018

Strong alkali, for the removal of polishing paste, soluble oil, in interoperational cleaning, or surface preparation prior to passivation.



## MEDICAL RANGE

FUNCTION	APPLICATION/POLLUTION
Ultrasonic cleaning	Soluble oil, polishing paste

### COMPATIBILITY

- Stainless steel:
    - Austenitic
    - Martensitic
    - Precipitation hardening
  - Ceramic
  - Chromium - Cobalt
  - Titanium
  - Polymers\*
- \*Check compatibility with NGL.

### COMPONENTS

- Strong alkali, surfactants, chelating agents
- No CMR compounds, REACH compliant

### PHYSICOCHEMICAL DATA

- pH concentrated: 14
- Density: 1.33
- Surface tension: 33.9 mN/m

### INSTRUCTIONS FOR USE\*

- Concentration: 2 to 5%
- Temperature: 40 to 70°C (104 to 158°F)
- Time: 3 to 5 minutes

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

### PROCESS EXAMPLES

- Interoperation cleaning

#### CLEANING

<b>RODACLEAN 2018</b> Tap water Conc.: 2-5% Temp.: 40-70°C 104-158°F Time: 3-5 min US	<b>RODACLEAN 2018</b> Tap water Conc.: 2-5% Temp.: 40-70°C 104-158°F Time: 3-5 min US	<b>TAP WATER RINSE</b> Temp.: 20-30°C 68-86°F Time: 3 min	<b>DI WATER RINSE</b> Temp.: 20-30°C 68-86°F Time: 1 min	<b>HOT AIR DRYING</b>
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- Surface preparation

#### CLEANING

<b>RODACLEAN 2018</b> Tap water Conc.: 2-5% Temp.: 40-70°C 104-158°F Time: 3-5 min US	<b>TAP WATER RINSE</b> Temp.: 20-30°C 68-86°F Time: 2 min	<b>PASSIVATION DECOMET*</b> Tap water Conc.: 10-20% Temp.: 30-70°C 86-158°F Time: 4-20 min *see ASTM A967	<b>TAP WATER RINSE</b> Temp.: 20-30°C 68-86°F Time: 2 min	<b>DI WATER RINSE</b> Temp.: 20-30°C 68-86°F Time: 1 min	<b>HOT AIR DRYING</b>
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### ULTRASONIC CLEANING

Surfactants  
Hydroxides

Cavitation bubbles

Polishing paste

Substrate

Parameters for cleaning:

T° + % + Time + US

Clean and bright surface.  
Clean blind holes.

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### 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).

### PRODUCT COMPATIBLE WITH VALIDATION STANDARDS

- Cleaning:
  - ISO 19227 - 2018
  - ASTM F3127 - 16
- Characterization of inorganics:
  - ISO 10993 - 18



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

## NGL CLEANING TECHNOLOGY SA - ECOLOGICAL CLEANING SOLUTIONS

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