



# GALVEX 20.01

Universal detergent, for the removal of polishing paste, soluble oil and light pollutions in interoperation cleaning or for surface preparation prior to passivation.



## MEDICAL RANGE

FUNCTION	APPLICATION/POLLUTION
Ultrasonic cleaning. Interoperation, finishing, surface preparation prior to passivation.	Soluble oils, polishing pastes, tumbling residues, etc.

### COMPATIBILITY

- Stainless steel:
    - Austenitic
    - Martensitic
    - Precipitation hardening
  - Ceramics
  - Chromium - Cobalt
  - Titanium
  - Aluminium
  - Polymer\*
- \*Check compatibility with NGL.

### COMPONENTS

- Surfactants, solvating agent
- REACH compliant

### PHYSICO-CHEMICAL DATA

- pH concentrated: 8.9
- Density: 1.03
- Surface tension: 27.6 mN/m

### INSTRUCTIONS FOR USE\*

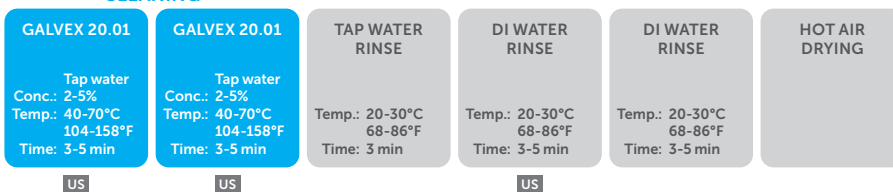
- Concentration: 2 to 5%
- Temperature: 40 to 70°C (104°F to 158°F)
- Time: 3 to 5 minutes

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

### PROCESS EXAMPLES

- Cleaning

#### CLEANING



- Surface preparation before passivation of medical implants

#### CLEANING



### ULTRASONIC CLEANING

The diagram illustrates the ultrasonic cleaning process. It shows a substrate with polishing paste on its surface. Surfactants are applied to the surface. Cavitation bubbles are generated by ultrasonic waves, which help to remove the polishing paste from the substrate. The cleaned surface is shown to be clean and bright, with blind holes also being cleaned.

Parameters for cleaning:

- T° (Temperature)
- % (Concentration)
- Time
- US (Ultrasonic)

Clean and bright surface.  
Cleaned blind holes.

28/05/24

### 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

