



DECOMET

Liquid product, citric acid based, for the passivation of all grades of medical stainless steel. Removes iron oxides and accelerates the formation of a chromium passivation film.



MEDICAL RANGE

FUNCTION	APPLICATION/POLLUTION
Soaking passivation process	Iron oxides

COMPATIBILITY

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

COMPONENTS

- Citric acid, surfactants
- No CMR compounds, REACH compliant

PHYSICOCHEMICAL DATA

- pH concentrated: 1.00
- Density: 1.17
- Surface tension: 31.2 mN/m

INSTRUCTIONS FOR USE*

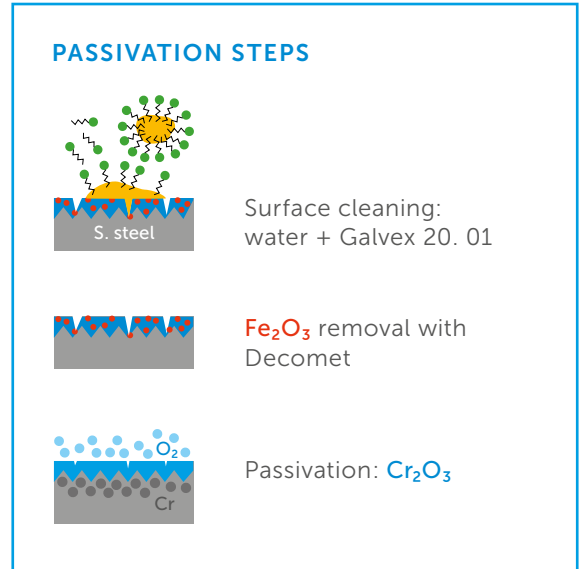
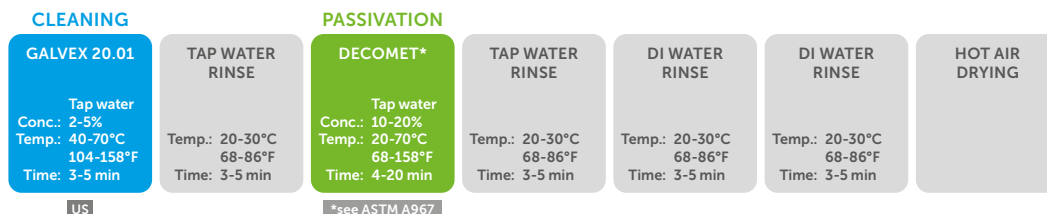
See ASTM 1967 - 17 for process recommendations.

- Concentration: 10 to 20%
- Temperature: 20 to 70°C (68-158°F)
- Time: 4 to 20 minutes

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

PROCESS EXAMPLE

- Surface preparation before passivation of medical devices



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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
- Stainless steel passivation:
 - ASTM A967 - 17
 - ASTM F1089 - 18



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

