

DECOMET

Citric acid based liquid product for the passivation of all grades of stainless steel. Removes iron oxides and accelerates the formation of a chromium passivation film.

WATCH INDUSTRY

FUNCTION	APPLICATION/POLLUTION
Soaking passivation process	Iron oxides

COMPATIBILITY

Stainless steel

COMPONENTS

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

PHYSICOCHEMICAL DATA

pH concentrated: 1

■ Density: 1.17

■ Surface tension: 31.2 mN/m

INSTRUCTIONS FOR USE*

• Concentration: 10 to 20%

■ Temperature: 20 to 70°C (68-158°F)

■ Time: 4 to 20 minutes

PASSIVATION STEPS Surface cleaning: water + Galvex 20.02 Fe₂O₃ removal with Decomet Passivation: Cr₂O₃

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).

PROCESS EXAMPLE

Surface preparation before passivation

CLEANING 40-70°C 104-158°F

Temp.: 20-30°C 68-86°F Time: 2-3 min

PASSIVATION TAP WATER

TAP WATER

Temp.: 20-30°C Time: 2-3 min

DI WATER

Temp.: 20-30°C Time: 1-2 min

DI WATER

Temp.: 20-30°C Time: 1-2 min

HOT AIR

US



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







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