RODASTEL 30

Liquid acidic detergent used for neutralization, activation of surfaces and deoxidation, in ultrasonic processes.

AEROSPACE & AUTOMOTIVE RANGE

FUNCTION	APPLICATION/POLLUTION
Finishing in ultrasonic process	Alkali residues, minerals, oxides

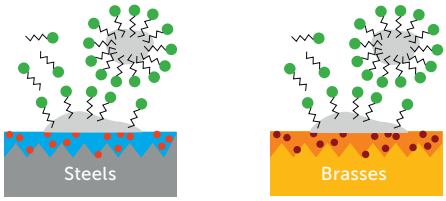
COMPATIBILITY

- Aluminium 2024, 6061, 6082, 7075
- Titanium, TA6V
- Copper alloys:
  - Brass
  - Bronzes
- Ceramics
- Polymers
  - Nylon, PA, PEEK
- Super alloys :
  - Inconel, Waspalloy, A286
- Hard steels :
  - 52100 Chrome steel, cast iron
  - 15-5 PH, 17-4 PH
- Bearing steels :
  - D50, 440C, 316

COMPONENTS

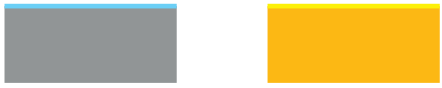
- Surfactants, organic acid
- No NTA, phosphates, DEA
- No CMR compounds, REACH compliant

DEOXIDATION AND ACTIVATION STEPS



1. Surface cleaning: water + Galvex 20.02

2. Deoxidation Fe_2O_3 or CuO with Rodastel 30



3. Bright and activated surfaces

22/11/23

PHYSICOCHEMICAL DATA

- pH concentrated: 0.5
- Density: 1.22
- Surface tension: 31.5 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).

INSTRUCTIONS FOR USE*

- Concentration: 3 to 5%
- Temperature: 30 to 60°C (86 to 140 °F)
- Time: 2 to 3 minutes

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

PROCESS EXAMPLE

- Removal of polishing compounds in ultrasonic process

CLEANING		ACTIVATION				
GALVEX 20.02 Tap water Conc.: 2-5% Temp.: 40-70°C 104-158°F Time: 3-5 min US	TAP WATER RINSE Temp.: 20-30°C 68-86°F Time: 3-5 min	RODASTEL 30 Tap water Conc.: 3-5% Temp.: 30-60°C 86-140°F Time: 2-3 min US	TAP WATER RINSE Temp.: 20-30°C 68-86°F Time: 3-5 min	DI WATER RINSE Temp.: 20-30°C 68-86°F Time: 3-5 min	DI WATER RINSE Temp.: 20-30°C 68-86°F Time: 3-5 min	HOT AIR DRYING

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

NGL CLEANING TECHNOLOGY SA - ECOLOGICAL CLEANING SOLUTIONS
Chemin de la Vuarpillière 7 – CH-1260 NYON – SWITZERLAND
+41 22 365 46 66 – contact@ngl-group.com – www.ngl-group.com

SWISS QUALITY