



DECOSPRAY 9

Mild alkaline and non-foaming liquid detergent, used in ultrasonic and spray processes for the removal of neat and grinding oils.



CUTTING TOOLS RANGE

FUNCTION	APPLICATION/POLLUTION
Spray or ultrasonic cleaning	Neat oils, under partial vacuum

Best used in combination with Decoclean 520

COMPATIBILITY

- Tungsten carbide (all types)
- Cermet
- PCD (polycrystalline diamond)
- CBN (cubic boron nitride)
- HSS (alloy, PM steel)
- HSSE (with cobalt in alloy)
- Tool and mold steel
- Stainless steel
- Titanium
- Ni-Cr superalloys

INGREDIENTS

- Surfactants
- No phosphates, CMR compounds and VOC
- REACH compliant

PHYSICOCHEMICAL DATA

- pH concentrated: 9.3
- pH (1%) : 9.2
- Density: 1.07

INSTRUCTIONS FOR USE*

- Concentration: 1 à 3%
- Temperature: 50 à 70°C
- Time: 2 à 5 minutes

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

PROCESS EXAMPLES

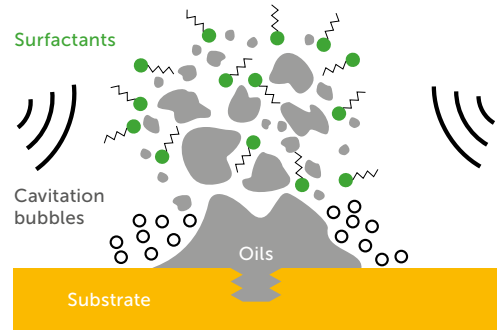
- Ultrasonic cleaning of carbide inserts

CLEANING	CLEANING		FINISHING				
DECOCLEAN 520 Conc.: 1-3% DECOSPRAY 9 Conc.: 1-2% RO or TAP WATER Temp.: 50-70°C Time: 2-5 min	RODACLEAN 2018 RO or TAP WATER Conc.: 3-5% Temp.: 50-70°C Time: 2-5 min	RO OR TAP WATER RINSE Temp.: 20-30°C Time: 2-3 min	GALVEX 18.07 RO or DI water Conc.: 1-4% Temp.: 50-60°C Time: 2-5 min	RO OR TAP WATER RINSE Temp.: 20-30°C Time: 2-3 min	DI WATER RINSE Temp.: 20-30°C Time: 2-3 min	DI WATER RINSE + lift-out Temp.: 20-30°C Time: 1-2 min	HOT AIR DRYING Temp.: 90-110°C Time: 10 min
US or spray cleaning	US		US				

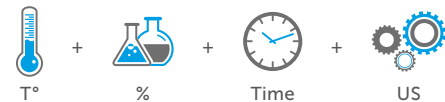
- Single-chamber machine cleaning of carbide and sensitive steel drills

CLEANING	CLEANING					
DECOCLEAN 520 Conc.: 2-3% DECOSPRAY 9 Conc.: 1-2% RO or TAP WATER Temp.: 50-70°C Time: 5-8 min	RODACLEAN 2018 RO or TAP WATER Conc.: 1-3% Temp.: 50-70°C Time: 3-5 min	RO OR TAP WATER RINSE Time: 2x 30 sec	DI WATER RINSE Temp.: 40-50°C Time: 3-6 min	DI WATER RINSE + LIFT-OUT Temp.: 40-50°C Time: 1-2 min	HOT AIR DRYING Temp.: 130-150°C Time: 2x 4 min	IR VACUUM DRYING Temp.: 130-150°C Time: 2x 4 min
US, spray cleaning and partial vacuum	US	Spray cleaning	US and partial vacuum			

ULTRASONIC CLEANING



Parameters for cleaning:



Clean and bright surface.
Cleaned blind holes.

29/11/2024

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).



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

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