

Perfect Cleaning – Cleaner for Metalworking



System cleaner					Solvents								Corrosion protection									
Product	GROTANOL FF 1 N	RENOCLEAN SMC / SMC +	RENOCLEAN FXM 4005	ACTICIDE OX / MBS / WB 200	Product	RENOCLEAN MTS 7001	RENOCLEAN MVS 8015	RENOCLEAN MVS 8016	RENOCLEAN MVS 9014	RENOCLEAN KLV	RENOCLEAN UWF / FUCHS MULTICLEAN	RENOCLEAN KU	Product	RENOCLEAN VR 3222	ANTICORIT SKR 3001	RENOCLEAN VR 2729 K	ANTICORIT SKR 42	ANTICORIT MKR 30	ANTICORIT WMC 9000	ANTICORIT DFO / DFV 8101	ANTICORIT RPC5000	
Function	System cleaner with almost pan-European approval	System cleaners	System cleaner biocide and fungicide free	Biocide and fungicide for System cleaners	Function	Cleaner based on modified alcohols	Cleaner based on isoparaffin, aromatics free	Cleaner based on isoparaffin, aromatics free	VOC and aromatics free cleaner with corrosion protection	VOC-free, free of aromatics	Free of aromatics, environmentally friendly, demulsifying	Cleaner based on isoparaffin, aromatics free	Function	Temporary, mineral oil-free corrosion protection	Synthetic pressure-test and anti-corrosive concentrate	Emulsion-cleaner, mineral oil-containing anti-corrosion emulsion	Water-miscible corrosion protection concentrate	Solvent-based, water-displacing corrosion protection	Anticorrosion concentrates, dilutable in many, preferably RENOCLEAN solvents			
Physical state	liquid	liquid	liquid	liquid	Physical state	liquid	liquid	liquid	liquid	liquid	liquid	liquid	Physical state	liquid	liquid	liquid	liquid	liquid	liquid	liquid	liquid	liquid
Emulsifying properties	emulsifying	emulsifying	emulsifying	–	Flash Point	≥ 61°C	≥ 56°C	≥ 62°C	91 ± 5°C	≥ 90°C	≥ 61°C	≥ 61°C	Emulsifying properties	–	–	–	–	emulsifying	emulsifying	demulsifying	–	
Foaming tendency	none	none	none	–	Boiling range	165–175°C	179–197°C	184–206°C	217–255°C	217–255°C	180–330°C	180–220°C	Foaming tendency	low	low	low	low	moderate to strong	very strong	low	low	
Application	System cleaner for coolant-supply systems, registered in most European countries!	System cleaner for coolant-supply systems, SMC+ does not contain formaldehyde releasers	System cleaner for coolant supply systems. Base system without biocide/fungicide	In combination with RENOCLEAN FXM 4005 for targeted application	Density at 15°C	880 ± 10 kg/m³	760 ± 5 kg/m³	763 ± 10 kg/m³	820 ± 20 kg/m³	810 ± 15 kg/m³	795 ± 10 kg/m³	762 ± 10 kg/m³	Application	Immersion, injection, flood and spray application		Dipping and filling application		low press.	Preferably immersion and flood application, spraying possible	very low press.	low press.	–
Comments	–	–	–	–	Application	Suitable for the removal of polar and non-polar impurities	Very narrow boiling range, fast drying	Narrow boiling range, fast drying	Universal application, good corrosion protection through a very thin film of oil	Universal application, slowly evaporating	Universal application in industry and commerce, applicable with high-pressure-equipment	For precision mechanics and electronic parts cleaning	Materials	all materials	Fe, Mg, Al, Zn (Cu, brass) ¹	Fe	Fe	Fe, Al, Cu, brass		all materials ¹		
Notes	Contact time 6–24h	Contact time 8–24h	Contact time 8–24h	–	Comments	distillable	distillable, recyclable	distillable, recyclable	VOC compliant	VOC compliant, distillable. VW approval A29 2819	Free from caustic and corrosive substances	Material-friendly cleaning, not skin-irritating	Comments	Nitrite free, contains boron-amine, suitable for vibratory finishing	Nitrite free, works in the vapor phase corrosion-protective, suitable for vibratory finishing	Stable against drag in of salt and alkali	Boron and mono-ethanol-amine free	Free of barium, silicone and biocides	Dewatering fluids. Forming a thin barium-free corrosion protection film	Barium-free concentrates, dilutable in many, preferably RENOCLEAN solvents		
pH (2%), if applicable	9 at 1%	9.8 ± 0.3 / 10.4 ± 0.3	10.0 ± 0.5	–	Notes	all materials ¹ , plastics ¹						Corrosion protection, chips / filter test 0/0 at x% at ...	temporarily. '3.5% / 10° dH	temporarily. '2% / 20° dH	temporarily. '2% (DI-water)	temporarily. '1.5% / 20° dH	well '3% / 20° dH	Concentration-dependently	very well	very well		
Concentration range in %	1–3	1–2	1–2	–	Notes	Especially for closed cleaning systems designed!			Good anti-corrosive properties, for solvent systems without distillation	Simple application, for example, to remove car wax preservation	Good anti-corrosion properties	Easy to use, for solvent systems without permanent distillation	pH (20%), if applicable	8 ± 0.4 (3.5%)	9.8 ± 0.3	10.8 ± 0.5 at 3%	10 ± 0.5 (10%)	8.8 ± 0.4	8.7 (10%)	–	–	
													Concentration range in %	0.5–3	0.5–5	0.5–3	1–5	3–5	5–25	100	typical >3	
													Temperature range		60°C (20–80)		20°C (10–50)	50°C (20–60)	20°C (20–60)		room temperature	
													Injection pressure in bar to about	0.1–~100	0.1–5	0.1–~300	10	2	max. approx. 1	1	–	

Fe - steel, iron, cast iron and stainless steel, ¹ to check first

Skin protection before work

Product	RENOCLEAN HAND PROTECT MULTI	RENOCLEAN HAND PROTECT PRO
Function	Silicone-free, non-marking, breathable, all-purpose skin cream	Silicone-free, water-soluble skin protection cream
Application	Before handling with changing working materials (water-soluble and water-insoluble pollutants and irritants)	Prior to contact with strong water-immiscible contaminants such as oils, greases, lubricants, metal debris, dust and soot
Comments	Forms a thin, invisible and protective film on the skin	Forms a tack-free, thin and protective microfilm on the skin
Notes	Active support for cleaning after work	Includes by the skin well tolerated specialty surfactants, who actively support the subsequent skin cleansing
Available quantities	50x100 ml tube 6x1,000 ml pouch bottle	50x100 ml tube 6x1,000 ml pouch bottle
Equipment		RENOCLEAN DONA 2000K Dispenser (for pouch bottle)

Skin cleaning

Product	RENOCLEAN HAND WASH MILD	RENOCLEAN HAND WASH INTENSIVE
Function	Mild, soap-free, unperfumed skin cleansing gel	Hand cleaner with abrasives for heavy soiling
Application	For cleaning heavily stressed and sensitive skin	Ideal for cleaning heavily soiled hands in the areas of auto repair shops, and many mechanical engineering
Comments	Particularly suitable where frequent hand washing is necessary	Includes plastic flour as friction body, low perfumed
Notes	Free of perfumes, dyes and preserving agents	pH-neutral set and contains skin care substances
Available quantities	25x250 ml tube 6x2,000 ml pouch bottle	25x250 ml tube 6x2,000 ml pouch bottle
Equipment		RENOCLEAN DONA 2000K Dispenser (for pouch bottle)

Skin care

Product	RENOCLEAN HAND CARE
Function	Silicone-free skin care cream
Application	After working perfectly suited as cream for hands, whose natural protective barrier is attacked while working
Comments	Contains nursing vegetable oils, beeswax and moisture-regulating substances
Notes	Obtains the skin when used regularly, healthy and strong
Available quantities	50x100 ml tube 6x1,000 ml pouch bottle
Equipment	

Note

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