A Path Forward for Solvent Cleaning

Featuring SAFECHEM



Practical, hands-on and independent, training in cleaning. More Info shsu.edu/pqcw pqcw@shsu.edu



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	DOWCLENE™* 1601	DOWCLENE™* 1611	DOWCLENE™* 1
Density (20 °C)	0.88g/m ³	0.94 g/m3	0.78 g/m3
Boiling Point (°C)	170 – 175	170 – 193	175 – 200
Flash Point (°C)	63	79	59
Solubility in water (20 °C)	Ca. 6.3 %	Miscible	< 5 %
Solubility of water in solvent (20 °C)	Ca. 15%	Miscible	< 0.25 %













































Cost-effectivene	ss – Practical exa	mple	rest.
	EXAMI FROM THE	PLE PRACTICE	
	Cleaning goods	Extruded sleeves; preformed from aluminium slugs	
	Material	Aluminium	
	Contamination	Zinc behenate; auxiliary material in impact extrusion	
	Reinigungsziel	No particles larger than 200 μm on the part	
33 CHEM AWARE			SAFECHEM be responsible























		be responsible
COMPANY	SOLUTION	RESULTS
 HS Marston - heat exchanger manufacturer for aerospace CHALLENGE To establish an effective and cost-efficient cleaning process for heat exchanger components prior to brazing, without the use of halogenated solvents 	 3 vaccum closed cleaning machines 	 Proven quality and reproducible
	 Modified alcohol cleaning agent: DOWCLENE™* 1601, delivered in the SAFE-TAINER™ System 	 Effective interplay between machine and cleaning agent cut solvent spend by half
	■ COMPLEASE [™] Chemical Leasing	Cycle times down by 50%
		 Reduction of greenhouse gas emissions by 225 tonnes of CO2 per year













Thank You for Attending

We welcome your questions



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