



trowal liquid compounds – process water going to drain

ARF-S, ARO 1, KH 65, KTI, M 10, S 70, T 77

	ARF-S	ARO 1	KH 65	KTI	M 10	S 70	T 77
	Placing a luster, surface smoothing, polishing, passivating	Cleaning and brightening with corrosion protection	Cleaning and brightening with corrosion protection	Placing a luster, surface smoothing and polishing	Deburring, surface smoothing and brightening	Cleaning with corrosion protection	Cleaning with corrosion protection
Shipping form	liquid	liquid	liquid	liquid	liquid	liquid	liquid
Color	dark yellow	purple	purple	yellow	yellow	blue	green
pH value (10g/l) about	8.9	8.4	8.2	7.6	8.5	9.4	9.5
Functional characteristics							
Corrosion protection	+	++	++	+	+	++	++
Cleaning	++	++	+	++	++	++	++
Degreasing	0	0	0	+	0	0	0
Brightening	++	++	++	++	++	++	++
Foam	++	+	+	++	+	+	+
Passivating	++	+	0	0	+	0	0
Pickling	-	-	-	-	-	-	-
Recycling	-	0	0	0	0	0	0
Going to drain	++	++	++	++	++	++	++
Materials							
Carbon steel	0	++	++	+	++	++	++
Stainless steel	++	++	++	++	++	++	++
Non-ferrous metals	++	++	++	++	++	++	++
Ceramic/plastic	++	++	++		++	++	++
Titanium				++			

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trowal liquid compounds – recycling of process water

DE 97, KE 61, KFL, KR 50, KRS, KRA, SGE, SGK

	DE 97	KE 61	KFL	KR 50	KRS	KRA	SGE	SGK
	Degreasing and corrosion protection	Degreasing, brightening with corrosion protection	Cleaning and degreasing	Cleaning with corrosion protection	Cleaning with corrosion protection	Degreasing and corrosion protection	Cleaning and degreasing with corrosion protection	Cleaning and degreasing with corrosion protection
Shipping form	liquid	liquid	liquid	liquid	liquid	liquid	liquid	liquid
Color	yellow	purple	yellow	blue	without color	yellow	light red	yellow
pH value (10g/l) about	8.6	7.5	8.2	8.6	9.0	9.1	10.8	9.7
Functional characteristics								
Corrosion protection	++	++	+	++	++	++	+	+
Cleaning	+	+	+	+	+	+	++	++
Degreasing	++	+	++	+	+	++	++	++
Brightening	+	+	+	+	+	+	0	+
Foam	+	0	+	0	0	0	+	0
Passivating	0	0	0	0	0	0	+	+
Pickling	-	-	-	-	-	-	-	-
Recycling	++	+	++	++	++	++	+	++
Going to drain	++	++	++	++	++	++	++	++
Materials								
Carbon steel	++	++	++	++	++	++	+	+
Stainless steel	++	++	++	++	++	++	+	+
Non-ferrous metals	++	++	++	++	++	++	++	++
Ceramic/plastic	++	++	++	++	++	++		

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trowal liquid compounds – pickling and polishing

AG 26, KP 12, GB 13, FMV, LZ 11, KP 27

	AG 26	KP 12	GB 13	FMV	LZ 11	KP 27
	Polishing, placing a luster and brightening	Polishing, placing a luster and brightening	Polishing, placing a luster and brightening	Polishing of aluminum	Pickling	Polishing, placing a luster and brightening
Shipping form	liquid	liquid	liquid	liquid	liquid	liquid
Color	yellow	light yellow	yellow	yellow	light yellow	light red
pH value (10g/l) about	2.2	2.5	3.1	2.5	1.0	2.7
Functional characteristics						
Corrosion protection	-	-	-	-	+	-
Cleaning	++	+	++	++	0	++
Degreasing	++	++	++	++	-	++
Brightening	++	++	++	++	+	++
Foam	++	+	++	++	0	+
Passivating	+	+	+	+	+	+
Pickling	+	+	+	+	++	+
Recycling	-	-	-	-	-	-
Going to drain	++	++	++	++	++	++
Materials						
Carbon steel	+	+	0	0	++	+
Stainless steel	+	++	+	+	++	++
Non-ferrous metals	++	++	++	++	++	++
Aluminium	++	++	++	++		++
Silver	++	++	++			++

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trowapast grinding and polishing pastes

PKD, PKR, PKS, PKZ, PKV, PKC, PKP

	PKD	PKR	PKS	PKZ	PKV	PKC	PKP
	Grinding	Grinding	Grinding and polishing	Grinding and polishing	Grinding and polishing	Grinding and polishing of very hard materials, especially ceramics	Polishing
Shipping form	solid	solid	solid	solid	solid	solid	solid
Color	grey	grey	grey	grey	grey	grey	grey
pH value (10g/l) about	9.8	9.8	9.8	9.8	9.8	9.8	9.8
Functional characteristics							
Corrosion protection	+	+	+	+	+	+	+
Recycling	-	-	-	-	-	-	-
Going to drain	++	++	++	++	++	++	++
Grinding	++	++	++	++	+	++	0
Polishing	-	0	0	+	++	++	++
Grinding performance							
Materials							
Carbon steel	++	++	++	++	++	++	++
Stainless steel	++	++	++	++	++	++	++
Hardened steel	++	++	++	++	0	++	++
Copper	-	-	+	-	++	0	0
Brass	-	-	0	0	++	0	++
Ceramic	++	++	0	-	0	++	0

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trowalpur process water cleaning compounds – liquid

LAC, F, C, R, V, S

	PROCESS WATER GOING TO DRAIN		RECYCLING OF PROCESS WATER			
	LAC	F	C	R	V	S
	Flocculant for cleaning of the process water					
Shipping form	liquid	liquid	liquid	liquid	liquid	liquid
Color	yellow-green	without color	without color	greenish	without color	without color
pH value (10g/l) about	2-3	8.3	6.2	6.4	4.3	5.0
Functional characteristics						
Recycling	+	0	++	++	++	++
Going to drain	++	++	-	-	-	-
Process water contamination						
Media fines	+	+	++	++	++	++
Metal fines	++	++	++	++	++	++
Surfactants	+	0	+	+	+	+
Oil	++	-	-	+	0	+

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trowalpur process water cleaning compounds – powder

ESM, ESB, ESZ, ESO

	ESM	ESB	ESZ	ESO
Flocculent in powder form for cleaning of the process water	Flocculent in powder form for cleaning of the process water	Flocculent in powder form for cleaning of the process water	Flocculent in powder form for cleaning of the process water	
Shipping form	solid	solid	solid	solid
Color	grey	grey	grey	grey
pH value (4 g/l) approx.	8.4	8.5	11.5	8.0
Functional characteristics				
Recycling	++	0	++	++
Going to drain	++	++	-	-
Process water contamination				
Media fines	++	++	++	+
Metal fines	++	++	++	-
Surfactants	+	+	++	+
Oil	++	+	++	++

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trowal powder compounds

9 A, Z 1, B 2, K 10, K 15, K 25

	9 A	Z 1	B 2	K 10	K 15	K 25
	Grinding	Pickling	Cleaning and degreas-ing with corrosion protection	Cleaning and degreasing	Cleaning and degreasing	Cleaning and degreasing
Shipping form	solid	solid	solid	solid	solid	solid
Color	beige	light yellow	white	white	white	white
pH value (10g/l) about	n.a.	1.1	10.7	12.0	12.1	10.5
Functional characteristics						
Corrosion protection	-	++	++	++	++	++
Cleaning	0	+	++	++	++	++
Degreasing	-	++	++	++	++	++
Brightening	-	-	+	++	++	++
Foam	-	-	0	-	++	++
Passivating	-	+	-	-	-	-
Pickling	-	++	-	-	-	-
Recycling	+	-	++	+	0	0
Going to drain	++	++	++			
Materials						
Carbon steel	++	++	++	++	++	++
Stainless steel	++	++	++	++	++	++
Non-ferrous metals	++	++	0	++	++	++
Ceramic/plastic	++			++	++	++
Grinding	++					

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