

GROUP/SEGMENT	APPLICATION	PRODUCTS	APPLICATION	PRODUCTS	
WATER Industrial water	Condensate polishing of industrial water	MonoPlus M 500 OH, MonoPlus M 800, MonoPlus M 800 KR, MonoPlus M 800 OH, MonoPlus MP 800, MonoPlus S 200 KR, MonoPlus SP 112, MonoPlus SP 112 H	Mixed bed for industrial water applications / Polishing	MonoPlus M 500 OH, MonoPlus M 800, MonoPlus M 800 OH, MonoPlus MP 800, MonoPlus S 100 H, MonoPlus S 200 KR, MonoPlus SP 112 H, NM 60, NM 91	
	Condensate softening	MonoPlus S 200 KR, MonoPlus SP 112	Brackish water softening	CNP 80, CNP 80 WS, CNP 85, CNP 88	
	Dealkalization of industrial water Demineralization of industrial water	CNP 80, CNP 80 WS, CNP 85, CNP 88 CNP 80, CNP 80 WS, CNP 85, CNP 88, MonoPlus M 500, MonoPlus M 500 OH, MonoPlus	Pulp & paper Ready-to-use mixed beds	S 6268 MonoPlus SM 1000 KR, NM 60, NM 91, SM 600 KR CL-frei, UltraPure 1292,	
	Definiteralization of industrial water	M 600, MonoPlus M 800, MonoPlus MP 64, MonoPlus MP 600, MonoPlus MP 800, MonoPlus S 100, MonoPlus S 100 H, MonoPlus S 200 KR, MonoPlus SP 112, MonoPlus SP 112 H, MP 62 WS, NM 60, NM 91, S 6268, VP OC 1071, VP OC 1072, VP OC 1073	Ready-to-use mixed beds	UltraPure 1294 MD	
	Highly regenerated SAC for conductivity measuring	S 100 G1	Removal of organic constituents from industrial water	MonoPlus MP 64, MonoPlus MP 800, MP 62, MP 62 WS, S 6268, S 6328 A, S 6368 A	
	in industrial water applications Inert material	IN 42	Softening of industrial water	MonoPlus S 100, MonoPlus SP 112, S 1467	
Ultra-pure water	Demineralization of ultra-pure water	UltraPure 1213 MD, UltraPure 1221 MD, UltraPure 1231 MD, UltraPure 1241 MD,	Polishing of ultra-pure water	UltraPure 1213 MD, UltraPure 1243 MD, UltraPure 1292, UltraPure 1293 MD,	
		UltraPure 1243 MD, UltraPure 1261 MD, UltraPure 1261, UltraPure 1292		UltraPure 1294 MD	
Power industry	Condensate polishing in the power industry	MonoPlus M 500 OH, MonoPlus M 800, MonoPlus M 800 KR, MonoPlus MP 800, Mixed bed in the power industry / Polishing MonoPlus S 200 KR, MonoPlus SP 112, MonoPlus SP 112 H		MonoPlus M 500 KR, MonoPlus M 500 OH, MonoPlus M 800, MonoPlus M 800 KR, MonoPlus M 800 OH, MonoPlus MP 800, MonoPlus S 100, MonoPlus S 100 H,	
	Highly regenerated SAC for conductivity measuring Dealkalization in the power industry	S 100 G1 CNP 80, CNP 80 WS, CNP 85, CNP 88	Removal of organic constituents in the power industry	MonoPlus S 200 KR, MonoPlus SP 112, MonoPlus SP 112 H, SM 600 KR CL-frei MonoPlus MP 64, MonoPlus MP 800, MP 62, MP 62 WS, S 6268, S 6328 A, S 6368 A	
	Demineralization in the power industry	CNP 80, CNP 80 WS, CNP 85, CNP 88, MonoPlus M 500, MonoPlus M 500 OH,	Softening in the power industry	MonoPlus S 100, MonoPlus SP 112, S 1467	
		MonoPlus M 600, MonoPlus M 800, MonoPlus MP 64, MonoPlus MP 600,			
		MonoPlus MP 800, MonoPlus S 100, MonoPlus S 100 H, MonoPlus S 200 KR, MonoPlus SP 112, MonoPlus SP 112 H, VP OC 1071, VP OC 1072, VP OC 1073			
Nuclear	Make-up water treatment - Demineralization	CNP 80, CNP 80 WS, MonoPlus M 500, MonoPlus M 500 OH, MonoPlus M 600,	Primary circuit	MonoPlus M 500 KR, MonoPlus M 800 KR, MonoPlus MP 500 KR, MonoPlus MP 800 KR	
		MonoPlus M 800, MonoPlus MP 64, MonoPlus MP 800, MonoPlus S 100, MonoPlus S 100 H,		MonoPlus S 100 KR, MonoPlus S 200 KR, MonoPlus SM 1000 KR, MonoPlus SP 112 KR	
		MonoPlus S 200 KR, MonoPlus SP 112, MonoPlus SP 112 H, MP 62 WS, NM 60, NM 91, S 6268, VP OC 1071, VP OC 1072, VP OC 1073		S 100 KR/H CL-frei, SM 600 KR CL-frei	
	Primary circuit - Conditioning of leakage water	MonoPlus M 500 KR, MonoPlus M 800 KR, MonoPlus MP 500 KR, MonoPlus MP 800 KR, MonoPlus S 100 KR, MonoPlus S 200 KR, MonoPlus SM 1000 KR,	Secondary circuit - Condensate treatment	MonoPlus M 500 KR, MonoPlus M 800 KR, MonoPlus MP 500 KR, MonoPlus MP 800 KR MonoPlus S 100 KR, MonoPlus S 200 KR, MonoPlus SM 1000 KR, MonoPlus SP 112 KR	
		MonoPlus SM 1000 KR- ⁷ Li, MonoPlus SP 112 KR, S 100 KR/H CL-frei, SM 600 KR CL-frei		S 100 KR/H CL-frei, SM 600 KR CL-frei	
	Primary circuit - Fuel element storage pool	MonoPlus M 500 KR, MonoPlus M 800 KR, MonoPlus MP 500 KR, MonoPlus MP 800 KR, MonoPlus S 100 KR, MonoPlus S 200 KR, MonoPlus SM 1000 KR, MonoPlus SP 112 KR,	Secondary circuit - Blowdown treatment	MonoPlus M 800 KR, MonoPlus MP 500 KR, MonoPlus MP 800 KR, MonoPlus S 100 KR MonoPlus S 200 KR, MonoPlus SM 1000 KR, MonoPlus SP 112 KR, S 100 KR/H CL-frei	
		S 100 KR/H CL-frei, SM 600 KR CL-frei		SM 600 KR CL-frei	
	Primary circuit - Primary coolant treatment	MonoPlus M 500 KR, MonoPlus M 800 KR, MonoPlus MP 500 KR, MonoPlus MP 800 KR, MonoPlus S 100 KR, MonoPlus S 200 KR, MonoPlus SM 1000 KR,	Secondary circuit - Generator coolant system	MonoPlus M 500 KR, MonoPlus M 800 KR, MonoPlus MP 500 KR, MonoPlus MP 800 KR MonoPlus S 100 KR, MonoPlus S 200 KR, MonoPlus SM 1000 KR, MonoPlus SP 112 KR	
		MonoPlus SM 1000 KR- ⁷ Li, MonoPlus SP 112 KR, SM 600 KR CL-frei		S 100 KR/H CL-frei, SM 600 KR CL-frei	
	Primary circuit - Radioactive wastewater treatment	MonoPlus M 500 KR, MonoPlus M 800 KR, MonoPlus MP 500 KR, MonoPlus MP 800 KR,	Secondary circuit - Hydrazine removal	K3433	
		MonoPlus S 100 KR, MonoPlus S 200 KR, MonoPlus SM 1000 KR, MonoPlus SP 112 KR, S 100 KR/H CL-frei, SM 600 KR CL-frei			
	Primary circuit - Steam generator blow-down	MonoPlus M 500 KR, MonoPlus M 800 KR, MonoPlus MP 500 KR, MonoPlus MP 800 KR, MonoPlus S 100 KR, MonoPlus S 200 KR, MonoPlus SM 1000 KR, MonoPlus SP 112 KR, S 100 KR/H CL-frei, SM 600 KR CL-frei	Secondary circuit - District heating system	K 6333, MonoPlus M 500 KR, MonoPlus M 800 KR, MonoPlus S 100 KR, MonoPlus S 200 KR	
FOOD					
Sugar	Decolorization of sugar liquors	S 2328, S 5428, S 6268, S 6328 A, S 6368, S 6368 A, S 6368 Sulfate, VP OC 1073, VP OC 1074	Removal of organic constituents from sugar liquors	S 2328, S 5428, S 6268, S 6328 A, S 6368, S 6368 A, S 6368 Sulfate, VP OC 1074	
	Decolorization, demineralization and inversion of liquid sugar	S 2328, S 2528, S 2568, S 2568 H, S 4328, S 4528, S 6268, S 6328 A, S 6368, S 6368 A, S 6368 Sulfate, S 8528	Reverse demineralization of sugar liquors	S 6368, S 6368 A, S 8528	
	Demineralization and decolorization of inulin solutions	S 1468, S 2528, S 2568, S 4228, S 4268, S 6368, S 6368 Sulfate, S 6368 A, S 7468	Chromatographic separation of fructose / glucose	MDS 1368 Ca - 320, MDS 1368 Ca - 350	
	Inversion of averses	£ 2228		C 1 4 2 0 C 1 4 6 0 C 2 6 2 0 C 2 6 6 0 C 0 6 2 0	
	Inversion of sucrose Polishing of sugar liquors	\$ 2328 AF 5, \$ 7968	Softening of sugar thin juice Sugar recovery from molasses	S 1428, S 1468, S 2528, S 2568, S 8528 MDS 1368 K - 320, MDS 1368 Na - 320, MDS 1368 Na - 350	
		AF 5, S 7968	Softening of sugar thin juice		
Sweeteners	Polishing of sugar liquors Reduced molasses formation through exchange of alkali ions Demineralization and decolorization of starch	AF 5, S 7968 K 2620, S 2528, S 2568 S 1428, S 1468, S 2528, S 2568, S 2568 H, S 4228, S 4268, S 4328, S 4428,	Softening of sugar thin juice Sugar recovery from molasses Demineralization and decolorization of starch		
Sweeteners	Polishing of sugar liquors Reduced molasses formation through exchange of alkali ions Demineralization and decolorization of starch hydrolyzates / glucose, high fructoses, dextrose	AF 5, S 7968 S K 2620, S 2528, S 2568	Softening of sugar thin juice Sugar recovery from molasses Demineralization and decolorization of starch hydrolyzates / dextrose	MDS 1368 K - 320, MDS 1368 Na - 320, MDS 1368 Na - 350	
Sweeteners	Polishing of sugar liquors Reduced molasses formation through exchange of alkali ions Demineralization and decolorization of starch	AF 5, S 7968 K 2620, S 2528, S 2568 S 1428, S 1468, S 2528, S 2568, S 2568 H, S 4228, S 4268, S 4328, S 4428, S 4528, S 7468	Softening of sugar thin juice Sugar recovery from molasses Demineralization and decolorization of starch	MDS 1368 K - 320, MDS 1368 Na - 320, MDS 1368 Na - 350 S 2528, S 2568, S 2568 H, S 4428, S 4528	
Sweeteners	Polishing of sugar liquors Reduced molasses formation through exchange of alkali ions Demineralization and decolorization of starch hydrolyzates / glucose, high fructoses, dextrose Polishing of sweeteners	AF 5, S 7968 6 K 2620, S 2528, S 2568 S 1428, S 1468, S 2528, S 2568, S 2568 H, S 4228, S 4268, S 4328, S 4428, S 4528, S 7468 AF 5, K 2431	Softening of sugar thin juice Sugar recovery from molasses Demineralization and decolorization of starch hydrolyzates / dextrose Chromatographic separation of fructose / glucose	MDS 1368 K - 320, MDS 1368 Na - 320, MDS 1368 Na - 350 S 2528, S 2568, S 2568 H, S 4428, S 4528 MDS 1368 Ca - 320, MDS 1368 Ca - 350	
	Polishing of sugar liquors Reduced molasses formation through exchange of alkali ions Demineralization and decolorization of starch hydrolyzates / glucose, high fructoses, dextrose Polishing of sweeteners Demineralization of raw polyalcohol solutions	AF 5, S 7968 K 2620, S 2528, S 2568 S 1428, S 1468, S 2528, S 2568, S 2568 H, S 4228, S 4268, S 4328, S 4428, S 4528, S 7468 AF 5, K 2431 S 2528, S 2568, S 4328, S 4428, S 4528, S 6368 A, S 6368 Sulfate, S 8528	Softening of sugar thin juice Sugar recovery from molasses Demineralization and decolorization of starch hydrolyzates / dextrose Chromatographic separation of fructose / glucose	MDS 1368 K - 320, MDS 1368 Na - 320, MDS 1368 Na - 350 S 2528, S 2568, S 2568 H, S 4428, S 4528 MDS 1368 Ca - 320, MDS 1368 Ca - 350	
Gelatine	Polishing of sugar liquors Reduced molasses formation through exchange of alkali ions Demineralization and decolorization of starch hydrolyzates / glucose, high fructoses, dextrose Polishing of sweeteners Demineralization of raw polyalcohol solutions Mixed-bed polishing of starch hydrolysates	AF 5, S 7968 K 2620, S 2528, S 2568 S 1428, S 1468, S 2528, S 2568, S 2568 H, S 4228, S 4268, S 4328, S 4428, S 4528, S 7468 AF 5, K 2431 S 2528, S 2568, S 4328, S 4428, S 4528, S 6368, S 6368 A, S 6368 Sulfate, S 8528 S 2568 H, S 7468 MP 62 BG, S 1428, S 1468, S 2528, S 2568, S 4228, S 4268, S 4328, S 4528, S 6328,	Softening of sugar thin juice Sugar recovery from molasses Demineralization and decolorization of starch hydrolyzates / dextrose Chromatographic separation of fructose / glucose	MDS 1368 K - 320, MDS 1368 Na - 320, MDS 1368 Na - 350 S 2528, S 2568, S 2568 H, S 4428, S 4528 MDS 1368 Ca - 320, MDS 1368 Ca - 350	
Gelatine	Polishing of sugar liquors Reduced molasses formation through exchange of alkali ions Demineralization and decolorization of starch hydrolyzates / glucose, high fructoses, dextrose Polishing of sweeteners Demineralization of raw polyalcohol solutions Mixed-bed polishing of starch hydrolysates Demineralization of gelatine solutions	AF 5, S 7968 K 2620, S 2528, S 2568 S 1428, S 1468, S 2528, S 2568, S 2568 H, S 4228, S 4268, S 4328, S 4428, S 4528, S 7468 AF 5, K 2431 S 2528, S 2568, S 4328, S 4428, S 4528, S 6368, S 6368 A, S 6368 Sulfate, S 8528 S 2568 H, S 7468 MP 62 BG, S 1428, S 1468, S 2528, S 2568, S 4228, S 4268, S 4328, S 4528, S 6328, S 6368 A, S 6368 Sulfate, VP OC 1072 S 1428, S 1468, S 2528, S 2568, S 4528, S 6368, S 6368 A, S 6368 Sulfate, S 7468, S 8528, VP OC 1072 S 1428, S 1468, S 2528, S 2568, S 4228, S 4268, S 4328, S 4528, S 6368, S 6368 A, S 6368 Sulfate, S 7468, S 8528, VP OC 1072	Softening of sugar thin juice Sugar recovery from molasses Demineralization and decolorization of starch hydrolyzates / dextrose Chromatographic separation of fructose / glucose	MDS 1368 K - 320, MDS 1368 Na - 320, MDS 1368 Na - 350 S 2528, S 2568, S 2568 H, S 4428, S 4528 MDS 1368 Ca - 320, MDS 1368 Ca - 350	
Gelatine Whey	Polishing of sugar liquors Reduced molasses formation through exchange of alkali ions Demineralization and decolorization of starch hydrolyzates / glucose, high fructoses, dextrose Polishing of sweeteners Demineralization of raw polyalcohol solutions Mixed-bed polishing of starch hydrolysates Demineralization of gelatine solutions Demineralization and decolorization of whey	AF 5, S 7968 K 2620, S 2528, S 2568 S 1428, S 1468, S 2528, S 2568, S 2568 H, S 4228, S 4268, S 4328, S 4428, S 4528, S 7468 AF 5, K 2431 S 2528, S 2568, S 4328, S 4428, S 4528, S 6368, S 6368 A, S 6368 Sulfate, S 8528 S 2568 H, S 7468 MP 62 BG, S 1428, S 1468, S 2528, S 2568, S 4228, S 4268, S 4328, S 4528, S 6368 A, S 6368 Sulfate, VP OC 1072 S 1428, S 1468, S 2528, S 2568, S 4528, S 6368, S 6368 A, S 6368 Sulfate, S 7468, S 8528, VP OC 1072	Softening of sugar thin juice Sugar recovery from molasses Demineralization and decolorization of starch hydrolyzates / dextrose Chromatographic separation of fructose / glucose Size separation	MDS 1368 K - 320, MDS 1368 Na - 320, MDS 1368 Na - 350 S 2528, S 2568, S 2568 H, S 4428, S 4528 MDS 1368 Ca - 320, MDS 1368 Ca - 350 MDS 2368	
Gelatine Whey Fruit juices	Polishing of sugar liquors Reduced molasses formation through exchange of alkali ions Demineralization and decolorization of starch hydrolyzates / glucose, high fructoses, dextrose Polishing of sweeteners Demineralization of raw polyalcohol solutions Mixed-bed polishing of starch hydrolysates Demineralization of gelatine solutions Demineralization and decolorization of whey Demineralization and decolorization of fruit juice	AF 5, S 7968 K 2620, S 2528, S 2568 S 1428, S 1468, S 2528, S 2568, S 2568 H, S 4228, S 4268, S 4328, S 4428, S 4528, S 7468 AF 5, K 2431 S 2528, S 2568, S 4328, S 4428, S 4528, S 6368, S 6368 A, S 6368 Sulfate, S 8528 S 2568 H, S 7468 MP 62 BG, S 1428, S 1468, S 2528, S 2568, S 4228, S 4268, S 4328, S 4528, S 6328, S 6368 A, S 6368 Sulfate, VP OC 1072 S 1428, S 1468, S 2528, S 2568, S 4528, S 6368, S 6368 A, S 6368 Sulfate, S 7468, S 8528, VP OC 1072 S 1428, S 1468, S 2528, S 2568, S 4228, S 4268, S 4328, S 4528, S 6368, S 6368 A, S 6368 Sulfate, S 7468, S 8528, VP OC 1072	Softening of sugar thin juice Sugar recovery from molasses Demineralization and decolorization of starch hydrolyzates / dextrose Chromatographic separation of fructose / glucose Size separation Polishing of fruit juices	MDS 1368 K- 320, MDS 1368 Na - 320, MDS 1368 Na - 350 S 2528, S 2568, S 2568 H, S 4428, S 4528 MDS 1368 Ca - 320, MDS 1368 Ca - 350 MDS 2368 AF 5, S 7968	
Sweeteners Gelatine Whey Fruit juices Food acids Cartridge	Polishing of sugar liquors Reduced molasses formation through exchange of alkali ions Demineralization and decolorization of starch hydrolyzates / glucose, high fructoses, dextrose Polishing of sweeteners Demineralization of raw polyalcohol solutions Mixed-bed polishing of starch hydrolysates Demineralization of gelatine solutions Demineralization and decolorization of whey Demineralization and decolorization of fruit juice lon exclusion of must or fruit juice Demineralization of citric acid	AF 5, S 7968 K 2620, S 2528, S 2568 S 1428, S 1468, S 2528, S 2568, S 2568 H, S 4228, S 4268, S 4328, S 4428, S 4528, S 7468 AF 5, K 2431 S 2528, S 2568, S 4328, S 4428, S 4528, S 6368, S 6368 A, S 6368 Sulfate, S 8528 S 2568 H, S 7468 MP 62 BG, S 1428, S 1468, S 2528, S 2568, S 4228, S 4268, S 4328, S 4528, S 6328, S 6368 A, S 6368 Sulfate, VP OC 1072 S 1428, S 1468, S 2528, S 2568, S 4528, S 6368, S 6368 A, S 6368 Sulfate, S 7468, S 8528, VP OC 1072 S 1428, S 1468, S 2528, S 2568, S 4228, S 4268, S 4328, S 4528, S 6368, S 6368 A, S 6368 Sulfate MDS 1368 Na - 320, MDS 1368 Na - 350 S 1428, S 1468, S 2528, S 2568, S 4428	Softening of sugar thin juice Sugar recovery from molasses Demineralization and decolorization of starch hydrolyzates / dextrose Chromatographic separation of fructose / glucose Size separation Polishing of fruit juices Debittering of orange juice	MDS 1368 K - 320, MDS 1368 Na - 320, MDS 1368 Na - 350 S 2528, S 2568, S 2568 H, S 4428, S 4528 MDS 1368 Ca - 320, MDS 1368 Ca - 350 MDS 2368 AF 5, S 7968 S 7968	
Gelatine Whey Fruit juices Food acids	Polishing of sugar liquors Reduced molasses formation through exchange of alkali ions Demineralization and decolorization of starch hydrolyzates / glucose, high fructoses, dextrose Polishing of sweeteners Demineralization of raw polyalcohol solutions Mixed-bed polishing of starch hydrolysates Demineralization of gelatine solutions Demineralization and decolorization of whey Demineralization and decolorization of fruit juice lon exclusion of must or fruit juice Demineralization of citric acid Demineralization of lactic acid	AF 5, S 7968 K 2620, S 2528, S 2568 S 1428, S 1468, S 2528, S 2568, S 2568 H, S 4228, S 4268, S 4328, S 4428, S 4528, S 7468 AF 5, K 2431 S 2528, S 2568, S 4328, S 4428, S 4528, S 6368, S 6368 A, S 6368 Sulfate, S 8528 S 2568 H, S 7468 MP 62 BG, S 1428, S 1468, S 2528, S 2568, S 4228, S 4268, S 4328, S 4528, S 6328, S 6368 A, S 6368 Sulfate, VP OC 1072 S 1428, S 1468, S 2528, S 2568, S 4528, S 6368, S 6368 A, S 6368 Sulfate, S 7468, S 8528, VP OC 1072 S 1428, S 1468, S 2528, S 2568, S 4228, S 4268, S 4328, S 4528, S 6368, S 6368 A, S 6368 Sulfate MDS 1368 Na - 320, MDS 1368 Na - 350 S 1428, S 1468, S 2528, S 2568, S 4428 S 1428, S 1468, S 2528, S 2568, S 4428 CNP LF, CNP LF Na, S 8227, S 8229, S 8229 Plus MDS 1368 Na - 320, MDS 1368 Na - 350, S 1428, S 1467, S 1468, S 1468, F	Softening of sugar thin juice Sugar recovery from molasses Demineralization and decolorization of starch hydrolyzates / dextrose Chromatographic separation of fructose / glucose Size separation Polishing of fruit juices Debittering of orange juice	MDS 1368 K - 320, MDS 1368 Na - 320, MDS 1368 Na - 350 S 2528, S 2568, S 2568 H, S 4428, S 4528 MDS 1368 Ca - 320, MDS 1368 Ca - 350 MDS 2368 AF 5, S 7968 S 7968	
Gelatine Whey Fruit juices Food acids Cartridge	Polishing of sugar liquors Reduced molasses formation through exchange of alkali ions Demineralization and decolorization of starch hydrolyzates / glucose, high fructoses, dextrose Polishing of sweeteners Demineralization of raw polyalcohol solutions Mixed-bed polishing of starch hydrolysates Demineralization of gelatine solutions Demineralization and decolorization of whey Demineralization and decolorization of fruit juice lon exclusion of must or fruit juice Demineralization of citric acid Demineralization of lactic acid Dealkalization of tap water Softening in dishwashing systems	AF 5, S 7968 K 2620, S 2528, S 2568 S 1428, S 1468, S 2528, S 2568, S 2568 H, S 4228, S 4268, S 4328, S 4428, S 4528, S 7468 AF 5, K 2431 S 2528, S 2568, S 4328, S 4428, S 4528, S 6368, S 6368 A, S 6368 Sulfate, S 8528 S 2568 H, S 7468 MP 62 BG, S 1428, S 1468, S 2528, S 2568, S 4228, S 4268, S 4328, S 4528, S 6328, S 6368 A, S 6368 Sulfate, VP OC 1072 S 1428, S 1468, S 2528, S 2568, S 4528, S 6368, S 6368 A, S 6368 Sulfate, S 7468, S 8528, VP OC 1072 S 1428, S 1468, S 2528, S 2568, S 4228, S 4268, S 4328, S 4528, S 6368, S 6368 A, S 6368 Sulfate MDS 1368 Na - 320, MDS 1368 Na - 350 S 1428, S 1468, S 2528, S 2568, S 4428 S 1428, S 1468, S 2528, S 2568, S 4428 CNP LF, CNP LF Na, S 8227, S 8229, S 8229 Plus MDS 1368 Na - 320, MDS 1368 Na - 350, S 1428, S 1467, S 1468, S 1468, F	Softening of sugar thin juice Sugar recovery from molasses Demineralization and decolorization of starch hydrolyzates / dextrose Chromatographic separation of fructose / glucose Size separation Polishing of fruit juices Debittering of orange juice Separation of food acids	MDS 1368 K- 320, MDS 1368 Na - 320, MDS 1368 Na - 350 S 2528, S 2568, S 2568 H, S 4428, S 4528 MDS 1368 Ca - 320, MDS 1368 Ca - 350 MDS 2368 AF 5, S 7968 S 7968 MDS 4368	
Gelatine Whey Fruit juices Food acids Cartridge Potable water*	Polishing of sugar liquors Reduced molasses formation through exchange of alkali ions Demineralization and decolorization of starch hydrolyzates / glucose, high fructoses, dextrose Polishing of sweeteners Demineralization of raw polyalcohol solutions Mixed-bed polishing of starch hydrolysates Demineralization of gelatine solutions Demineralization and decolorization of whey Demineralization and decolorization of fruit juice Ion exclusion of must or fruit juice Demineralization of citric acid Demineralization of lactic acid Dealkalization of tap water Softening in dishwashing systems *for further applications see segment WATER and CATALYS	AF 5, S 7968 K 2620, S 2528, S 2568 S 1428, S 1468, S 2528, S 2568, S 2568 H, S 4228, S 4268, S 4328, S 4428, S 4528, S 7468 AF 5, K 2431 S 2528, S 2568, S 4328, S 4428, S 4528, S 6368 A, S 6368 Sulfate, S 8528 S 2568 H, S 7468 MP 62 BG, S 1428, S 1468, S 2528, S 2568, S 4228, S 4268, S 4328, S 4528, S 6368 A, S 6368 Sulfate, VP OC 1072 S 1428, S 1468, S 2528, S 2568, S 4528, S 6368, S 6368 A, S 6368 Sulfate, S 7468, S 8528, VP OC 1072 S 1428, S 1468, S 2528, S 2568, S 4228, S 4268, S 4328, S 4528, S 6368, S 6368 A, S 6368 Sulfate, S 7468, S 8528, VP OC 1072 S 1428, S 1468, S 2528, S 2568, S 4228, S 4268, S 4328, S 4528, S 6368, S 6368 A, S 6368 Sulfate MDS 1368 Na - 320, MDS 1368 Na - 350 S 1428, S 1468, S 2528, S 2568, S 4428 CNP LF, CNP LF Na, S 8227, S 8229, S 8229 Plus MDS 1368 Na - 320, MDS 1368 Na - 350, S 1428, S 1467, S 1468, S 1468 F SIS AND CHEMICAL PROCESSING	Softening of sugar thin juice Sugar recovery from molasses Demineralization and decolorization of starch hydrolyzates / dextrose Chromatographic separation of fructose / glucose Size separation Polishing of fruit juices Debittering of orange juice Separation of food acids	MDS 1368 K- 320, MDS 1368 Na - 320, MDS 1368 Na - 350 S 2528, S 2568, S 2568 H, S 4428, S 4528 MDS 1368 Ca - 320, MDS 1368 Ca - 350 MDS 2368 AF 5, S 7968 S 7968 MDS 4368	





CATALYSIS AND CHE Catalysis or synthesis	'	PRODUCTS	APPLICATION	PRODUCTS
-	IEMICAL PROCESSING	V 1001 V 1461 V 0401 V 0601 V 0600	MTDE (mothed to discuss but he ather) (TAME (FTDE	K 2620 K 2621 K 2624 K 2625 K 2620
2411(1162)2	Acrylic & aliphatic esters Bisphenol A	K1221, K1461, K2431, K2621, K2629 K1131, K1131 S, K1221	MTBE (methyl tertiary butyl ether) / TAME / ETBE Phenol alkylates	K 2620, K 2621, K 2624, K 2625, K 2629 K 2420, K 2431, K 2620, K 2629, K 2649
,	Isobutene dimerization	K 1481	TBA	K2431, K2621
	Catalytic oxygen removal	K 3433, K 6363, K 7333	MMA	K2431
	Hydrogen peroxide decomposition	K 3433	MIBK	K 2625
loro-alkali	Brine softening without strontium and barium removal issues	(MonoPlus) TP 260	Simultaneous silica and aluminia removal from brine	(MonoPlus) TP 208
ectrolysis	Brine softening with strontium and barium removal issues	(MonoPlus) TP 208	lodine removal from brine (patent protected)	S 6328 A
	Mercury removal from brine circuit	MonoPlus TP 214	Organics removal from brine	AF 5, VP OC 1064 MD PH
	Ni removal from brine	(MonoPlus) TP 207		
ocess stream	Iron removal from zinc electroplating bath	(MonoPlus) TP 207	Removal of aluminia from phosphoric acid	MonoPlus SP 112
ecycling	Iron and chromium(III) removal from electroplating bath containing chromic acid	MonoPlus SP 112	Recycling of spent battery acid to remove lead	MonoPlus SP 112
	Iron and zinc removal from chromium(III) containing electroplating bath	VP OC 1026	Hydrochloric acid removal from spent hydrazine	K 6362
	Zinc removal from nickel and cobalt sulfate electrolyte bath Removal of organics and surfactants from electrolyte bath	VP OC 1026 AF 5, VP OC 1064 MD PH	Recycling of printed circuit board rinse water Recycling of chemical and mechanical polishing process water	MonoPlus MP 64, (MonoPlus) TP 207 (MonoPlus) TP 207
	Removal of iron(III) or zinc from spent hydrochloric acid (> 10 % HCl)	K 6362	Recycling of metal finishing rinse water	MonoPlus MP 64, MonoPlus SP 112
	Recycling of sulfuric acid pickling bath containing aluminium or iron as impurities	MDS 6268, MDS 7268	Recycling of monoethylene glycol solutions by desalination	MonoPlus MP 64, MonoPlus SP 112
rification	Anion removal (in general)	K 6362, MonoPlus MP 64, MP 62	Mercury removal from NaCl or HCl produced from acidic flue gas scrubbing water	MonoPlus TP 214
chemicals	Kation removal (in general)	K 2629, MonoPlus SP 112	Chlorate removal from 40% caustic soda	MonoPlus SR 7
	Acid removal (in general)	K 6362, MonoPlus MP 64, MP 62	Potassium hydroxide removal from polyether	K 2431, K 2621, S 2568
	Decolorization	K 7367, S 6328A, VP OC 1064 MD PH	Desalination of petrochemical C4-C5 fractions	K 1461
	Aldehyde removal (in general)	VP OC 1065	Phenol purification	K2431
	Mercaptan removal (in general) Mercury removal from liquid cracker feedstocks (patent protected)	K 6362 MonoPlus TP 214	Organics removal from crude phosphoric acid	VP OC 1064 MD PH (MonoPlus) TP 260
	Mercury removal from liquid cracker feedstocks (patent protected) Mercury removal from natural gas condensates	MonoPlus TP 214 MonoPlus TP 214	Uranium removal from crude phosphoric acid Removal of iron, lead and cadmium from adipic acid process streams	(MonoPlus) TP 200 (MonoPlus) TP 207
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eenFuels for	Conversion of free fatty acids in crude oil into methyl esters	GF 101	Glycerine demineralization	GF 303
odiesel and oethanol	Removal of glycerine from biodiesel Glycerine polishing	GF 201, GF 202 GF 404, GF 505	Desulfurization of bio-ethanol Removal of acid from sugar solutions recovered from wood digests	GF 606 GF 606
	Glycerine deashing	GF 303		G. 500
central metal	Recovery of copper from printed circuit board ageous process streams	(MonoPlus) TP 207	Recovery of silver from photo laboratory rinse water	MonoPlus TP 214
covery from	Recovery of copper from printed circuit board ageous process streams Recovery of precious metals Au, Ag, Pt, Pd, Ir, Os, Rh, Re from acidic solution	MonoPlus TP 214	Recovery of silver from photo laboratory rinse water Recovery of silver from photo laboratory rinse water containing thiosulfate complexes	MP 62
ocess streams	Recovery of silver and mercury from spent analytical solutions used for COD determination	MonoPlus TP 214	Recovery of cyanide or chloride complexes of noble metals	K 6362, MP 62
	Recovery of chromic acid from surface plating rinse water	MP 62	Recovery of noble metals from process streams of catalyst manufacturers	MonoPlus TP 214
	Recovery of rhodium catalyst (e.g. wilkinson type) from organic mother liquor	MonoPlus TP 214	Recovery of noble metals from gold smith workshops	K 6362, MonoPlus TP 214, MP 62
	Recovery of copper from NH4Cl etching bath	(MonoPlus) TP 207		
table water*/	Removal of nickel from potable water	(MonoPlus) TP 207	Removal of natural organic matter from potable water	K 6362, MonoPlus MP 64, MP 62, VP OC 107
ound water	Removal of iron and manganese from potable water	(MonoPlus) TP 207	Removal of surfactants (MBAS) from potable water	VP OC 1064 MD PH
mediation	Removal of lead and thallium from potable water Removal of hardness and lead from potable water	(MonoPlus) TP 207 S 8227, S 8229	Removal of methyl-tertiarbuthyl-ether (MTBE) from potable water Removal of radium from potable water	AF 5 S 1468
	Removal of uranium from potable water	S 6368 Sulfate	Removal of free and complexed cyanide from groundwater	K 6362, MP 62
	Removal of boron from reverse osmosis permeates in seawater desalination	MonoPlus MK 51	Removal of mercury from groundwater	MonoPlus TP 214
	Removal of nitrate from potable water	MonoPlus M 600, MonoPlus SR 7	Removal of chromate from groundwater	K 6362, MP 62
	Removal of arsenic (III and V) from potable water	FO 36	Removal of BTEX from groundwater	AF 5, VP OC 1064 MD PH
	Removal of antimony form potable water	FO 36	Removal of chlorinated hydrocarbons (AOX) from groundwater	AF 5, VP OC 1064 MD PH
	Removal of iodide, bromide and bromate from potable water Removal of perchlorate from potable water	MonoPlus SR 7 MonoPlus SR 7	Removal of phenol from groundwater 'for further applications see segment WATER and FOOD	VP OC 1064 MD PH
	Removal of pesticides from potable water	AF 5, VP OC 1064 MD PH		
ning/	Nickel recovery from pregnant liquor solutions by resin in pulp (RIP)	MonoPlus TP 207 XL	Recovery of gold from cyanidic leach	K 6362, MonoPlus SR 7
etal extraction /	Copper recovery from pregnant liquor solutions by resin in pulp (RIP)	MonoPlus TP 207 XL	Recovery of gold and silver from thiosulfate leach	K 6362, MonoPlus SR 7
etal refining	Recovery of copper from waste water of flotation units (RIP)	MonoPlus TP 207 XL	Recovery of zinc from hydrochloric acid	MonoPlus MP 64, MP 62
	Removal of iron from copper solutions	MonoPlus TP 207 (XL)	Recovery of molybdenum from copper sulfate centrates	MonoPlus MP 64, MP 62
	Recovery of copper from nickel solutions	(MonoPlus) TP 207	Recovery of rhenium from sulfatic metal centrates	MonoPlus MP 64, MonoPlus MP 500, MP 62
	Recovery of copper from zinc-sulfate solutions	(MonoPlus) TP 207	Recovery of scandium from hydrochloric nickel and cobalt solutions	MonoPlus MP 64, MP 62
	Removal of calcium and magnesium for ammoniaccal cobalt solutions Recovery of copper, cobalt and nickel from tailing dam water	(MonoPlus) TP 208 (MonoPlus) TP 207	Recovery of lanthan lutetium from solutions of rare earth metals Recovery of indium from zinc-sulfate electrolytes	K 2629, MonoPlus SP 112 VP OC 1026
	Recovery of scandium from nickel and cobalt concentrates	(MonoPlus) TP 207	Removal of zinc from nickel/cobalt electrolytes	VP OC 1026
	Removal of antimony and bismuth from copper-sulfate centrates	(MonoPlus) TP 260	Recovery of zinc from copper electrolytes	VP OC 1026
	Removal of zinc and cadmium from sulfatic nickel and cobalt solutions	(MonoPlus) TP 260	Recovery of zinc from geothermal brine	K 6362
	Removal of titanium from sulfuric acid containing solutions	(MonoPlus) TP 260	Recovery of boron from magnesia-chloride brines	MonoPlus MK 51
	Recovery of uranium from phosphoric acid	(MonoPlus) TP 260 K 6362, K 6462, K 6368	Recovery of gold by carbon in pulp (CIP) Recycling of acid used in metal winning (e.g. sulfuric acid in titanium industry)	AF 5 MDS 7268
	Recovery of uranium from carbon dioxide leach	,,	y. 5	
	Recovery of uranium from carbon dioxide leach			
	Removal of heavy metals (in general)	(MonoPlus) TP 207, MonoPlus TP 214, (MonoPlus) TP 260	Removal of chrome from waste water of tanning plants	K 6362, (MonoPlus) TP 207, MP 62
		(MonoPlus) TP 207, MonoPlus TP 214, (MonoPlus) TP 260 FO 36	Removal of chrome from waste water of tanning plants Removal of fluoride from waste water of glas-, ceramic, electronic chip- and solar panel manufacturers	K 6362, (MonoPlus) TP 207, MP 62 (MonoPlus) TP 260, aluminia doped
	Removal of heavy metals (in general) Removal of arsenic from waste water of detoxification plants		Removal of fluoride from waste water of glas-, ceramic, electronic chip- and	
	Removal of heavy metals (in general) Removal of arsenic from waste water of detoxification plants (chemical wapons and pesticides distruction)	FO 36	Removal of fluoride from waste water of glas-, ceramic, electronic chip- and solar panel manufacturers	(MonoPlus) TP 260, aluminia doped
	Removal of heavy metals (in general) Removal of arsenic from waste water of detoxification plants (chemical wapons and pesticides distruction) Recovery of copper from mining waste water Polishing of waste water after heavy metals precipitation in detoxification plants Removal of boron from effluents of ceramic-, glas- and electronic industry	FO 36 (MonoPlus) TP 207 (MonoPlus) TP 207 MK 51	Removal of fluoride from waste water of glas-, ceramic, electronic chip- and solar panel manufacturers Removal of heavy metals form landfill leachates	(MonoPlus) TP 260, aluminia doped (MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207
	Removal of heavy metals (in general) Removal of arsenic from waste water of detoxification plants (chemical wapons and pesticides distruction) Recovery of copper from mining waste water Polishing of waste water after heavy metals precipitation in detoxification plants Removal of boron from effluents of ceramic-, glas- and electronic industry Removal of mercury from waste water of chloro-alkali-industry	FO 36 (MonoPlus) TP 207 (MonoPlus) TP 207 MK 51 MonoPlus TP 214, MP 62	Removal of fluoride from waste water of glas-, ceramic, electronic chip- and solar panel manufacturers Removal of heavy metals form landfill leachates Removal of zinc and copper from waste water of viscose fibre producers Removal of uranium from waste water of uranium mines Removal of organics (e.g. phenol, aniline,) from waste water	(MonoPlus) TP 260, aluminia doped (MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207 VP OC 1064 MD PH, AF 5
	Removal of heavy metals (in general) Removal of arsenic from waste water of detoxification plants (chemical wapons and pesticides distruction) Recovery of copper from mining waste water Polishing of waste water after heavy metals precipitation in detoxification plants Removal of boron from effluents of ceramic-, glas- and electronic industry Removal of mercury from waste water of chloro-alkali-industry Removal of lead and mercury from waste water of battery manufacturers	FO 36 (MonoPlus) TP 207 (MonoPlus) TP 207 MK 51 MonoPlus TP 214, MP 62 (MonoPlus) TP 207, MonoPlus TP 214	Removal of fluoride from waste water of glas-, ceramic, electronic chip- and solar panel manufacturers Removal of heavy metals form landfill leachates Removal of zinc and copper from waste water of viscose fibre producers Removal of uranium from waste water of uranium mines Removal of organics (e.g. phenol, aniline,) from waste water Removal of silver, copper, tin and iron from waste water of mirror manufacturers	(MonoPlus) TP 260, aluminia doped (MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207 VP OC 1064 MD PH, AF 5 (MonoPlus) TP 207
	Removal of heavy metals (in general) Removal of arsenic from waste water of detoxification plants (chemical wapons and pesticides distruction) Recovery of copper from mining waste water Polishing of waste water after heavy metals precipitation in detoxification plants Removal of boron from effluents of ceramic-, glas- and electronic industry Removal of mercury from waste water of chloro-alkali-industry Removal of lead and mercury from waste water of battery manufacturers Removal of copper from printed circuit board fabrication waste water	FO 36 (MonoPlus) TP 207 (MonoPlus) TP 207 MK 51 MonoPlus TP 214, MP 62 (MonoPlus) TP 207, MonoPlus TP 214 (MonoPlus) TP 207	Removal of fluoride from waste water of glas-, ceramic, electronic chip- and solar panel manufacturers Removal of heavy metals form landfill leachates Removal of zinc and copper from waste water of viscose fibre producers Removal of uranium from waste water of uranium mines Removal of organics (e.g. phenol, aniline,) from waste water Removal of silver, copper, tin and iron from waste water of mirror manufacturers Removal of heavy metals such as nickel from waste water of automotive producers	(MonoPlus) TP 260, aluminia doped (MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207 VP OC 1064 MD PH, AF 5 (MonoPlus) TP 207 (MonoPlus) TP 207
	Removal of heavy metals (in general) Removal of arsenic from waste water of detoxification plants (chemical wapons and pesticides distruction) Recovery of copper from mining waste water Polishing of waste water after heavy metals precipitation in detoxification plants Removal of boron from effluents of ceramic-, glas- and electronic industry Removal of mercury from waste water of chloro-alkali-industry Removal of lead and mercury from waste water of battery manufacturers	FO 36 (MonoPlus) TP 207 (MonoPlus) TP 207 MK 51 MonoPlus TP 214, MP 62 (MonoPlus) TP 207, MonoPlus TP 214	Removal of fluoride from waste water of glas-, ceramic, electronic chip- and solar panel manufacturers Removal of heavy metals form landfill leachates Removal of zinc and copper from waste water of viscose fibre producers Removal of uranium from waste water of uranium mines Removal of organics (e.g. phenol, aniline,) from waste water Removal of silver, copper, tin and iron from waste water of mirror manufacturers	(MonoPlus) TP 260, aluminia doped (MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207 VP OC 1064 MD PH, AF 5 (MonoPlus) TP 207
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	Removal of heavy metals (in general) Removal of arsenic from waste water of detoxification plants (chemical wapons and pesticides distruction) Recovery of copper from mining waste water Polishing of waste water after heavy metals precipitation in detoxification plants Removal of boron from effluents of ceramic-, glas- and electronic industry Removal of mercury from waste water of chloro-alkali-industry Removal of lead and mercury from waste water of battery manufacturers Removal of copper from printed circuit board fabrication waste water Removal of free cyanide and thiocyanate from waste water Removal of mercury from flue gas scrubbing water	FO 36 (MonoPlus) TP 207 (MonoPlus) TP 207 MK 51 MonoPlus TP 214, MP 62 (MonoPlus) TP 207, MonoPlus TP 214 (MonoPlus) TP 207 FO 36 MonoPlus TP 214	Removal of fluoride from waste water of glas-, ceramic, electronic chip- and solar panel manufacturers Removal of heavy metals form landfill leachates Removal of zinc and copper from waste water of viscose fibre producers Removal of uranium from waste water of uranium mines Removal of organics (e.g. phenol, aniline,) from waste water Removal of silver, copper, tin and iron from waste water of mirror manufacturers Removal of heavy metals such as nickel from waste water of automotive producers Removal of chromium and molybdenum from cooling water blow down Recover of cobalt and manganese from phtalic acid production	(MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207 VP OC 1064 MD PH, AF 5 (MonoPlus) TP 207 (MonoPlus) TP 207 K 6362 (MonoPlus) TP 207
	Removal of heavy metals (in general) Removal of arsenic from waste water of detoxification plants (chemical wapons and pesticides distruction) Recovery of copper from mining waste water Polishing of waste water after heavy metals precipitation in detoxification plants Removal of boron from effluents of ceramic-, glas- and electronic industry Removal of mercury from waste water of chloro-alkali-industry Removal of lead and mercury from waste water of battery manufacturers Removal of copper from printed circuit board fabrication waste water Removal of free cyanide and thiocyanate from waste water Removal of mercury from flue gas scrubbing water Removal of zinc from caolin production waste water	FO 36 (MonoPlus) TP 207 (MonoPlus) TP 207 MK 51 MonoPlus TP 214, MP 62 (MonoPlus) TP 207, MonoPlus TP 214 (MonoPlus) TP 207 FO 36 MonoPlus TP 214 (MonoPlus TP 214	Removal of fluoride from waste water of glas-, ceramic, electronic chip- and solar panel manufacturers Removal of heavy metals form landfill leachates Removal of zinc and copper from waste water of viscose fibre producers Removal of uranium from waste water of uranium mines Removal of organics (e.g. phenol, aniline,) from waste water Removal of silver, copper, tin and iron from waste water of mirror manufacturers Removal of heavy metals such as nickel from waste water of automotive producers Removal of chromium and molybdenum from cooling water blow down Recover of cobalt and manganese from phtalic acid production	(MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207 VP OC 1064 MD PH, AF 5 (MonoPlus) TP 207 (MonoPlus) TP 207 K 6362 (MonoPlus) TP 207
eatment	Removal of heavy metals (in general) Removal of arsenic from waste water of detoxification plants (chemical wapons and pesticides distruction) Recovery of copper from mining waste water Polishing of waste water after heavy metals precipitation in detoxification plants Removal of boron from effluents of ceramic-, glas- and electronic industry Removal of mercury from waste water of chloro-alkali-industry Removal of lead and mercury from waste water of battery manufacturers Removal of copper from printed circuit board fabrication waste water Removal of free cyanide and thiocyanate from waste water Removal of mercury from flue gas scrubbing water Removal of zinc from caolin production waste water Removal of nitrate and ammonium from fertilizer production units	FO 36 (MonoPlus) TP 207 (MonoPlus) TP 207 MK 51 MonoPlus TP 214, MP 62 (MonoPlus) TP 207, MonoPlus TP 214 (MonoPlus) TP 207 FO 36 MonoPlus TP 214 (MonoPlus) TP 207 K 2629, S 4428	Removal of fluoride from waste water of glas-, ceramic, electronic chip- and solar panel manufacturers Removal of heavy metals form landfill leachates Removal of zinc and copper from waste water of viscose fibre producers Removal of uranium from waste water of uranium mines Removal of organics (e.g. phenol, aniline,) from waste water Removal of silver, copper, tin and iron from waste water of mirror manufacturers Removal of heavy metals such as nickel from waste water of automotive producers Removal of chromium and molybdenum from cooling water blow down Recover of cobalt and manganese from phtalic acid production Removal of ammonia from alkaline waste water	(MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207 VP OC 1064 MD PH, AF 5 (MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207 K 6362 (MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207
arma /	Removal of heavy metals (in general) Removal of arsenic from waste water of detoxification plants (chemical wapons and pesticides distruction) Recovery of copper from mining waste water Polishing of waste water after heavy metals precipitation in detoxification plants Removal of boron from effluents of ceramic-, glas- and electronic industry Removal of mercury from waste water of chloro-alkali-industry Removal of lead and mercury from waste water of battery manufacturers Removal of copper from printed circuit board fabrication waste water Removal of free cyanide and thiocyanate from waste water Removal of mercury from flue gas scrubbing water Removal of zinc from caolin production waste water Removal of nitrate and ammonium from fertilizer production units Chromatographic separations / adsorptions	FO 36 (MonoPlus) TP 207 (MonoPlus) TP 207 MK 51 MonoPlus TP 214, MP 62 (MonoPlus) TP 207, MonoPlus TP 214 (MonoPlus) TP 207 FO 36 MonoPlus TP 214 (MonoPlus) TP 207 K 2629, S 4428 AF 5, VP OC 1064 MD PH	Removal of fluoride from waste water of glas-, ceramic, electronic chip- and solar panel manufacturers Removal of heavy metals form landfill leachates Removal of zinc and copper from waste water of viscose fibre producers Removal of uranium from waste water of uranium mines Removal of organics (e.g. phenol, aniline,) from waste water Removal of silver, copper, tin and iron from waste water of mirror manufacturers Removal of heavy metals such as nickel from waste water of automotive producers Removal of chromium and molybdenum from cooling water blow down Recover of cobalt and manganese from phtalic acid production Removal of ammonia from alkaline waste water	(MonoPlus) TP 260, aluminia doped (MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207 VP OC 1064 MD PH, AF 5 (MonoPlus) TP 207 (MonoPlus) TP 207 K 6362 (MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207, copper doped
arma /	Removal of heavy metals (in general) Removal of arsenic from waste water of detoxification plants (chemical wapons and pesticides distruction) Recovery of copper from mining waste water Polishing of waste water after heavy metals precipitation in detoxification plants Removal of boron from effluents of ceramic-, glas- and electronic industry Removal of mercury from waste water of chloro-alkali-industry Removal of lead and mercury from waste water of battery manufacturers Removal of copper from printed circuit board fabrication waste water Removal of free cyanide and thiocyanate from waste water Removal of mercury from flue gas scrubbing water Removal of zinc from caolin production waste water Removal of nitrate and ammonium from fertilizer production units Chromatographic separations / adsorptions Decolorization	FO 36 (MonoPlus) TP 207 (MonoPlus) TP 207 MK 51 MonoPlus TP 214, MP 62 (MonoPlus) TP 207, MonoPlus TP 214 (MonoPlus) TP 207 FO 36 MonoPlus TP 214 (MonoPlus) TP 207 K 2629, S 4428 AF 5, VP OC 1064 MD PH VP OC 1064 MD PH	Removal of fluoride from waste water of glas-, ceramic, electronic chip- and solar panel manufacturers Removal of heavy metals form landfill leachates Removal of zinc and copper from waste water of viscose fibre producers Removal of uranium from waste water of uranium mines Removal of organics (e.g. phenol, aniline,) from waste water Removal of silver, copper, tin and iron from waste water of mirror manufacturers Removal of heavy metals such as nickel from waste water of automotive producers Removal of chromium and molybdenum from cooling water blow down Recover of cobalt and manganese from phtalic acid production Removal of ammonia from alkaline waste water	(MonoPlus) TP 260, aluminia doped (MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207 VP OC 1064 MD PH, AF 5 (MonoPlus) TP 207 (MonoPlus) TP 207 K 6362 (MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207 (MonoPlus) TP 207, copper doped



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