






	No	Catalog Number	Description	l/kg	Dose level in, cooling water ppm	PRICE Unit in EUR
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CHEMICALS FOR OPEN COOLING SYSTEMS						
        	1	IN-ECO 101	Multifunctional scale and corrosion inhibitor based on phosphonates (12%), zinc (4%), polymers and copper corrosion inhibitor	<u>20 l</u> 22 kg	15,0-35,0	3,00
	2	IN-ECO 102	Multifunctional scale and corrosion based on phosphonates (7%), zinc (10%), polymers and copper corrosion inhibitor	<u>20 l</u> 25 kg	5,0-25,0	4,30
	3	IN-ECO 114	Multifunctional scale and corrosion based on phosphonates (4%), polymers and copper corrosion inhibitor.	<u>20 l</u> 22 kg	10,0-25,0	2,30
	4	IN-ECO 130	Multifunctional corrosion and scale inhibitor based on stab. phosphates (10%), for decarbonised water.	<u>20 l</u> 25 kg	40-120	3,60
	5	IN-ECO 133	Multifunctional scale and corrosion inhibitor based on phosphonates and dispersants with very good corrosion inhibitor properties. Resistant to chlorination and bromination.	<u>20 l</u> 22 kg	25-60	3,60
	6	IN-ECO 150	Multifunctional scale and corrosion based on phosphonocarboxylates and copper corrosion inhibitor, for hard water . Resistant to chlorination and bromination. For acid added programs.	<u>20 l</u> 22 kg	25-60	4,30



20l



25l



200l



2000l

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**1.**

**Poltair Ltd.**

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Price list July- 07.2017

	No	Catalog Number	Description	l/kg	Dose level in, cooling water ppm	PRICE Unit in EUR
  	7	IN-ECO 110	Fully organic scale and corrosion inhibitor based on phosphonates, polymers and copper corrosion inhibitor	<u>20 l</u> 22 kg	10,0-25,0	4,30
	8	IN-ECO 111	Fully organic corrosion inhibitor on organic basis for closed cooling systems or heating systems fed with soft or demineralised water	<u>20 l</u> 22 kg	60-120	3,90
	9	IN-ECO 190	Fully organic scale and fouling inhibitor based on dispersants. Resistant to chlorination and bromination.	<u>20 l</u> 20 kg	25-60	3,40
<b>CORROSION INHIBITORS - CLOSED COOLING SYSTEMS</b>						
    	10	IN-ECO 160	Corrosion inhibitor based on molybdates (13,5% MoO <sub>4</sub> ) and dispersants fed with demineralised water or antifreeze.	<u>20 l</u> 23 kg	100-3000	12,40
	11	IN-ECO 161	Corrosion inhibitor and for heating systems based on molybdates (12% MoO <sub>4</sub> ) and antiscalants fed with municipal water or antifreeze.	<u>20 l</u> 23 kg	100-3000	12,40
	12	IN-ECO 170	Corrosion inhibitor based on nitrites (15% NO <sub>2</sub> ) and copper inhibitor fed with soft, demineralised water or antifreeze.	<u>20 l</u> 25 kg	500-3000	4,70
	13	IN-ECO 174	Corrosion inhibitor based on nitrites (9% NO <sub>2</sub> ), borates and dispersants and for heating systems fed with municipal water or antifreeze.	<u>20 l</u> 22 kg	1000-5000	4,60



20l



25l



20l



25l

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	No	Catalog Number	Description	l/kg	Dose level in, cooling water ppm	PRICE Unit in EUR
<b>BIOCIDES</b>						
	14	IN-ECO 210	Oxidizing biocide based on stable sodium hypochlorite.	20 l 23 kg	20-100	1,00
	15	IN-ECO 260	Non- oxidizing biocide based on guanidine salts.	20 l 20 kg	15-50	6,60
	16	IN-ECO 262	Non- oxidizing algicide.	20 l 20 kg	50-100	5,60
	17	IN-ECO 263	Non- oxidizing biocide based on quarternary.	20 l 20 kg	20-50	3,80
	18	IN-ECO 265	Non- oxidizing biocide based on stable organic bromine salts.	20 l 23 kg	10,0-40,0	6,10
	19	IN-ECO 268	Non- oxidizing biocide based on isotjiazoline salts.	20 l 20 kg	20-50	3,80
	20	IN-ECO 251	Biofouling inhibitor, biodispersant, base of surfactants, good for oil contaminations.	20 l 20 kg	2,0-10,0	3,80









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	No	Catalog Number	Description	l/kg	Dose level in, cooling water ppm	PRICE Unit in EUR
<b>BOILER WATER TREATMENT CHEMICALS</b>						
          	21	IN-ECO 301	pH and alkalinity correction	<u>20 l</u> 25 kg	5,0-50	1,00
	22	IN-ECO 306	Multifunctionale scale and corrosion inhibitor for low to medium pressure boiler water treatment (where soft make-up water is used). Approved for use in food industry.	<u>20 l</u> 22 kg	5,0-30	3,00
	23	IN-ECO 3060	Multifunctionale scale and corrosion inhibitor for low and medium pressure boilers, partly water softener. Increased amount of phosphates. Approved for use food industry.	<u>20 l</u> 22 kg	5,0-30	3,00
	24	IN-ECO 307	Multifunctionale scale and corrosion inhibitor for medium and high pressure boilers (containing organic oxygen inhibitor) Approved for use food industry.	<u>20 l</u> 22 kg	5,0-30	3,00
	25	IN-ECO 308	Multifunctionale scale and corrosion inhibitor for boiler water treatment (where demineralised and reverse osmosis make- up water is used). Approved for use in food industry.	<u>20 l</u> 22 kg	5,0-30	3,00
	26	IN-ECO 312	Multifunctional scale and corrosion inhibitor with catalysed sulphites for boiler water treatment. Approved for use in food industry.	<u>20 l</u> 22 kg	5,0-30	3,00
	27	IN-ECO 314	Mutifunctional scale and corrosion inhibitor with catalysed sulphites for boiler water treatment with high quantity residual oxygen. Approved for use in food industry.	<u>20 l</u> 22 kg	5,0-30	3,00
	28	IN-ECO 315	Multifunctionale scale and corrosion inhibitor, containing catalytic sulfites, with plenty of remaining oxygen. Duple sulfite. Approved for use in food industry.	<u>20 l</u> 23 kg	5,0-30	3,00
	29	IN-ECO 324	Oxygen scavenger based on bisulfides, Approved for use in food industry	<u>20 l</u> 25 kg	5,0-30	3,00


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	No	Catalog Number	Description	l/kg	Dose level in, cooling water ppm	PRICE Unit in EUR
	30	IN-ECO 324-2	Oxygen- based oxygen - binding formulation. Approved for use food industry.	<u>20 l</u> 22 kg	5,0-100	3,00
	31	IN-ECO 326	Organic oxygen scavenger base pluamines ( DEHA).For medium to high pressure boiled.	<u>20 l</u> 20 kg	3,0-15,0	4,80
	32	IN-ECO 3263	Organic oxygen scavenger and corrosion inhibitor based on neutralising amines and polyamines (DEHA). For medium to high pressure boiler.	<u>20 l</u> 20 kg	3,0-15,0	4,80
	33	IN-ECO 3553	Scale inhibitor for heating systems operating on hard water.Alternative softrening. Food grade.	<u>20 l</u> 23 kg	2,0-7,0	4,50
	34	IN-ECO 332	Corrosion inhibitor based on neutralising amines for short condensate lines.	<u>20 l</u> 20 kg	5,0- 30,0	4,30
	35	IN-ECO 334	Corrosion inhibitor based on neutralising amines for long condensate lines.	<u>20 l</u> 20 kg	5,0- 30,0	4,30
	36	IN-ECO 336	Corrosion inhibitor based on neutralising amines for application in food industry except dairies.	<u>20 l</u> 20 kg	5,0-30	4,50
	37	IN-ECO 390	Multipurpose scale and corrosion inhibitor for heating systems and hot-water boilers ( for hard water).	<u>20 l</u> 22 kg	30,0-150	3,00
	38	IN-ECO 391	Multipurpose scale and corrosion inhibitor for heating systems and hot-water boilers ( for soft water).	<u>20 l</u> 22 kg	30,0-150	3,00
	39	IN-ECO 392	Scale and corrosion inhibitor for hot water. Food grade.	<u>20 l</u> 22 kg	30,0-150	2,80
	40	IN-ECO 302-31	Antifoamer.	<u>20 l</u> 20 kg	2,0-10	5,00

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CHEMICALS FOR CLEANING (CONCENTRATES)						
	41	IN-ECO 401	Inhibited concentrate for strong acidic cleaning based on hydrochloric acid for steel and copper surfaces.	<u>20 l</u> 22 kg	10-15%	1,70
	42	IN-ECO 403	Inhibited concentrate for weak acid cleaning based on weak organic acids for stainless steel and non ferrous metals.	<u>20 l</u> 23 kg	10-15%	3,20
	43	IN-ECO 411	Alkaline concentrate for cleaning, removing of organic, oil, grease and for surfaces passivating.	<u>20 l</u> 22 kg	10-20%	1,70
	44	IN-ECO 4121	Alkaline cleaning concentrate with high deemulsification, for removing, organic, oil, greases and surface active materials.	<u>20 l</u> 22 kg	10-20%	3,20
	45	IN-ECO 424	Additive for acid cleaning based on corrosion inhibitor, dispersants and surfaces active materials.	<u>20 l</u> 20 kg	1%	4,50

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	No	Catalog Number	Description	l/kg	Dose level in, cooling water ppm	PRICE Unit in EUR
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<b>RO CHEMICALS ( ANTISCALANTS, MEMBRANES CLEANERS, CONSERVATION)</b>
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        	46	IN-ECO 551	Universal antiscalant for small capacity equipment (3-5 m3/h) working on hard water. Food grade.	<u>20 l</u> 20 kg	2,0-10,0	3,30
	47	IN-ECO 552	Universal antiscalant for equipment working on hard water. Food grade.	<u>20 l</u> 22 kg	1,0-6,0	5,30
	48	IN-ECO 553	Especial antiscalant for equipment working on hard water with high level sulfates. Food grade.	<u>20 l</u> 23 kg	1,0-6,0	5,90
	49	IN-ECO 554	Especial antiscalant for equipment working on hard water with high level silicates. Food grade.	<u>20 l</u> 23 kg	1,0-6,0	5,90
	50	IN-ECO 535	Concentrate for acidic cleaning, removing of calcium carbonate and iron. Food grade.	<u>20 l</u> 23 kg	from membrane volume	2,50
	51	IN-ECO 537	Concentrate for strong acidic cleaning, removing of calcium carbonate and iron.	<u>20 l</u> 22 kg	from membrane volume	2,50
	52	IN-ECO 540	Concentrate for alkaline cleaning, removing of organics and oils.	<u>20 l</u> 22 kg	from membrane volume	2,50
	53	IN-ECO 541	Concentrate for alkaline cleaning, removing of sulfate deposits, organics and oils	<u>20 l</u> 24 kg	from membrane volume	3,00
	54	IN-ECO 501	Concentrate based on bisulphite ( food grade) for disinfection, sterilisation, conservation and active chlorine neutralisation.	<u>20 l</u> 25 kg	from membrane volume	2,00
	55	IN-ECO 502	Concentrate for conservation at subzero temperatures. Food grade.	<u>20 l</u> 20 kg	from membrane volume	2,80
	56	IN-ECO 5501	Universal antiscalant for membranes, working on hard water. Food grade.	<u>20 l</u> 23 kg	1,0- 6,0	5,90



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	No	Catalog Number	Description	l/kg	Dose level in, cooling water ppm	PRICE Unit in EUR
	57	IN-ECO 510	Broad- spectrum bactericide for the sanitation and cleaning of biological fouling. On the basis of stabilized hydrogen peroxide. Food grade.	20 l 23 kg	from membrane volume	5,30
	58	IN-ECO 513	Nonoxidising biocide of wide range of action for disinfection and biofouling control. Food grade.	20 l 22 kg	2,0- 10,0	3,80
	59	IN-ECO 515	Biocide based on stable organic bromine salts.	20 l 22 kg	20,0- 200,0	6,10
<b>LIQUID PROCESS CHEMICALS</b>						
	60	IN-ECO 600	Concentrated coagulant based polyaluminium chloride (35%)	20 l 25 kg	10- 100	0,90
	61	IN-ECO 605	Concentrated coagulant based on iron sulphate (Fe2(SO4)3-40%).	20 l 25 kg	10- 100	0,90
	62	IN-ECO 611	Concentrated coagulant based on iron chloride (FeCl3-40%).	20 l 25 kg	10- 100	0,90



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	No	Catalog number	Description	l/kg	Dose level in, cooling water ppm	PRICE Unit in EURO
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CHEMICALS - SWIMMING POOLS						
	63	IN-ECO 262-SW	Slimicides (blue). Desinfectant, algae for swimming pools. Food grade.	<u>20 l</u> 20 kg	50-100	5,60
	64	IN-ECO 710 pH minus	Inhibitor for use in swimming pools and SPA. Reduction pH and alkalinity control.	<u>20 l</u> 20 kg		

	No	Catalog number	Description	l/kg	Dose level in, cooling water ppm	PRICE Unit in EURO
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LIQUID PROCESS CHEMICALS						
	65	IN-ECO 710	(HCL 9%), food grade in process ClO2.	<u>20 l</u> 20 kg		0,90
	66	IN-ECO 720	(NaClO2 7,5%), food grade in process ClO2.	<u>20 l</u> 20 kg		

	No	Catalog number	Description	l/kg	Dose level in, cooling water ppm	PRICE Unit in EURO
LIQUID ANTISCALANT FOR SEA WATER AND STRONGLY SALTED.						
	67	IN-ECO 550-SW	Antiscalant for equipment working on sea water with TDS 10 000 ppm and more. Food grade.	<u>20 l</u> 20 kg	2,0-5,0	5,60



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