

ConnectingChemistry



WATER TREATMENT

PRODUCTS & APPLICATIONS

1. Physico Chemical Water Treatment

APPLICATION	PRODUCT RANGE	BRAND NAME
Coagulation	Polyaluminium Chloride	PAC Sachtoklar/Ekofix R7/ PAC Sachtoklar 39/Sachtoklar P
	Polyaluminium Chloride Blends	Sachtofloc/Biotol range
	Polyaluminium Nitrate	Nicasal
	Ferric III Chloride Solution 40 % Aluminium Sulphate (gran./sol. 8 %)	
	Sodium Aluminate	Alkaflock T
	Ferric III Sulphate solution 42%	
Flocculation	Anionic – Cationic – Non Ionic	Zetag/Magnafloc/Praestol/ Drimax/Alclar/Rheomax/Alcotac
	Powders and Emulsions Removal of spilled polymer	Adsorbium95
Defoaming	Silicone – Fatty Acid Based	Struktol
Heavy Metal Removal	Metalclean Na3T Ion Exchange Resins	Metalclean range Na3T Puro-lite/Brenntag
	Caustic Soda Solution Hydrochloric Acid Lime Chalk Powder Others	Neutralac
Phosphate-Removal	Polyaluminium Chloride Granulated Ferric Hydroxide Ferric III Chloride Solution 40 %	PAC Sachtoklar 39 Everzit® Phat
Filtration	Hydroanthracite	Everzit® N/H Everzit® Special Plus
	Activated Carbon Diatomaceous Earth Filter Sand (several sizes)	Norit Celite

2. Biological Water Treatment

APPLICATION	PRODUCT RANGE	BRAND NAME
Nutrient Addition	Bio supplement – Powder	Nutriflok
	Bio supplement – Liquid (custom made)	Stabilox
	Bio supplement anaerobic	Methanostim liquide
	C: Methanol/Acetic Acid/ Brenntaplus range	Brenntaplus CL16/CL51/VP1
Sedimentation Problems (bulking)	P: Phosphoric Acid/ Ammonium Phosphates	
	N: Ureum (powder/liquid)/ Ammonium Nitrate	
	N/P Blends	
Phosphate-Removal	Filamentous Flocs	Settle-On Concentrate Settle-On
	Light Sludge	Aquatal T Biotol Range Megafloc
NH ₄ -Removal	Polyaluminium Chloride Granulated Ferric Hydroxide Ferric III Chloride Solution 40 %	PAC Sachtoklar 39 Everzit® Phat
Defoaming	Ion Exchange Resins	Purolite/Brenntag
Anti-Scaling	Silicone – Fatty Acid Based	Struktol
Activated Carbon	Dispersion Agent	Polystabil Antiprex
Odour Control	Activated Carbon Granular/Powder	Norit
Odour Control	Polyaluminium Nitrate Polyaluminium Chloride Ferric III Chloride 40 % Chlorine Dioxide	Biotol Fresh Talon Clorious2 (NOTIF1085)

3. Process Water Preparation

APPLICATION	PRODUCT RANGE	BRAND NAME
Coagulation	Polyaluminium Chloride	PAC Sachtoklar/Ekofix R7/ PAC Sachtoklar 39
	Polyaluminium Chloride Blends	Sachtofloc
	Ferric III Chloride Solution 40 % Alu Sulphate (gran./sol. 8 %)	
Flocculation	Sodium Aluminate	Alkaflock T
	Anionic – Cationic – Non Ionic	Zetag/Magnafloc/Praestol/ Drimax/Alclar/Rheomax/Alcotac
pH-Correction	Powders and Emulsions Removal spilled polymer	Adsorbium95
	Caustic Soda Solution Hydrochloric Acid Lime Chalk Powder Others	Neutralac
Filtration	Hydroanthracite Activated Carbon Diatomaceous Earth Filter Sand (several sizes)	Everzit®N/H/Special Plus Norit Celite
Manganese Removal	Manganese Dioxide	Everzit®Mn
Arsenic Removal	Granulated Ferric Hydroxide	Everzit® As
Phosphate-Removal	Polyaluminium Chloride Granulated Ferric Hydroxide Ferric III Chloride Solution 40 %	PAC Sachtoklar 39 Everzit® Phat
Softening	Ion Exchange Resins	Purolite/Brenntag
Demineralisation	Ion Exchange Resins Anti-scaling/Cleaning RO	Purolite/Brenntag Freeflow/Mem/Membrane
Chlorination	Sodium Hypochlorite	Chloorstabil 299-B
Desinfection	Biocides	Antimicrobial/Aqucar Bioban/Clorious2 (NOTIF1085) DIOXONITE (S065) NOTIF886/ Dioxonic Acid Kathon WT/WTE Twinoxide

4. Potable Water

APPLICATION	PRODUCT RANGE	BRAND NAME
Activated Carbon	Activated Carbon Granular/Powder	Norit
Filtration	Hydroanthracite	Everzit® N/ H Everzit® Special Plus
Coagulation	Polyaluminium Chloride	PAC Sachtoklar PAC Sachtoklar 39
Desinfection	Sodium Hypochlorite Chlorine dioxide	Chloorstabil 299-B Twinoxide/Clorious2 (NOTIF1085)
Softening	Ion Exchange Resins	Purolite/Brenntag
Salt	Salt	Salt Axal/Salt Broxo/ Salt Round Pastilles E/ Salt Vacuum Food
Deacidification	Dolomitic Filter Material	Everzit® Dol
Oxidizing Reagent	Liquid K/Na Permanganates Potassium Permanganate	RemOx L® Aquox®

5. Soil Remediation

APPLICATION	PRODUCT RANGE	BRAND NAME
PHYSICO-CHEMICAL BASED TECHNIQUES		
Coagulation	Polyaluminium Chloride	PAC Sachtoklar/Ekofix R7/ PAC Sachtoklar 39
	Polyaluminium Chloride Blends	Sachtofloc
	Ferric III Chloride Solution 40 % Alu Sulphate (gran./sol. 8 %)	
Flocculation	Sodium Aluminate	Alkaflock T
	Anionic – Cationic – Non Ionic	Zetag/Magnafloc/Praestol/ Drimax/Alclar/Rheomax/Alcotac
Defoaming	Powders and Emulsions Removal of spilled polymer	Adsorbium95
	Fatty Acid Based Silicone Based	Struktol
ISCO		
In Situ Chemical Oxydation	Potassium & Sodium Permanganates (different concentrations available)	RemOx L®
	Sodium Persulphate	Klozur
	Fenton's Reagent (H2O2)	
BIOREMEDIATION		
Nutrient Addition	Lactates	Purasal/Purasolv
	Nutrient Blends	Nutriflok/Stabilox/ Instant Biomix
	C/P/N sources	Methanol/Acetic Acid/ Brenntapplus VP1/Ureum Phosphoric Acid
Oxygen Addition	Slow Oxygen Addition	Oxigel
HEAVY METAL REMOVAL		
Heavy Metal Removal	Metalclean range Na3T Resins	Metalclean Na3T Purolite/Brenntag

5. Soil Remediation (continuation)

APPLICATION	PRODUCT RANGE	BRAND NAME
ADSORPTION TECHNIQUES		
Activated Carbon Other Filter Aids	Activated Carbon for Water and Air applications	Norit
	Hydroanthracites – all kind of Filter Aids	Everzit®
	Removal of Soluble Fe, Mn, H ₂ S, As, Ra	Everzit® Mn
BASIC CHEMICALS		
Acids and Lyes	pH Regulation & other Purposes	

6. Swimming Pools Water Treatment

APPLICATION	PRODUCT RANGE	BRAND NAME
DESINFECTION		
Biocides closed circuit (purchase/sell/use of those products needs to be registered online*)	Calcium Hypochlorite 8586-B: granular/tablets 7g & 200 g/sticks 300g	hth-range
	Sodium Hypochlorite Desinfection Foot-Bath	Chloorstabil 299-B Asept 19 5183-B
No registration required	200 g tablets/granular	Aqua Protect – granular Aqua Protect – tabs 200 gr.
MAINTENANCE		
pH-Correction	pH Plus Granular pH Plus Solution pH Minus Granular pH Minus Solution	Sodium Bicarbonate Sodium Hydroxide 29 % Sodium Bisulphate Hydrochloric Acid 28 % Sulphuric Acid 37,5 %
Flocculation	Polyaluminium Chloride	PAC Sachtoklar Aluminium Sulphate Powder
Cleaning	Detergent Degreasing Descaling	Detergent Squill Ascal NO 70 (alcaline) Ascal 810 (acide)
Filtration	Hydroanthracite Activated Carbon Diatomaceous Earth Filter Sand (several sizes)	Everzit®N/H/Special Plus Norit Celite
Accessories	Test Material	DPD Tablets Phenol Red Tablets Pool Tester (Manual) Photometers





7. Swimming Pools Water Treatment -  range

APPLICATION	PRODUCT RANGE	BRAND NAME
DESINFECTION		
Biocides closed circuit (purchase/sell/use of those products needs to be registered online*)	hth Registration number 8586-B	Granular & Shock powder: Start-up & shock treatment Tablets: 7 g & 200 g - Sticks 300 g: Continuous treatment
MAINTENANCE		
pH-correction	pH-Plus	hth pH-Plus powder (1,2 kg – 5 kg)
	pH-Minus	hth Ph-Minus powder (2 kg – 5 kg)
Cleaning	Waterline Cleaner	hth Borker Gel Net Ligne (1 kg)
Flocculation	Flocculants	hth flocculant in cartridges (10 x 0.125 kg)
		hth-Flocfix liquid (1,16 kg): Liquid Flocculant
SPAS & Sauna		Flash disinfection Anti-foam Anti-scale Filter cleaner Cleaner pH-Minus pH-Plus
Starter Kit		Mini-kit for start-up pool
Control		hth test kit liquid pH-Chlorine hth recharge test kit liquid pH-Chlorine

* For more information about registration of biocides of the closed circuit, please consult <http://www.health.belgium.be/nl/gesloten-circuit-o>

8. Water Treatment Suppliers

SUPPLIER	PRODUCT GROUP	BRAND NAME
	Bio-Supplements Nutrients	Nutriflok 50S Stabilox Methanostim Liquide
	Flocculants: Anionic/Cationic/Non-Ionic	Zetag Praestol
		Magnafloc (mining industry)
	Chlorine Dioxide	Clorious2 (NOTIF1085)
	Activated Carbon	Norit
	Liquid K/Na Permanganates Potassium Permanganate	RemOx® L Aquox®
	Anti-scaling/Cleaning RO	Freeflow/Mem/Membrane
	Hydroantracite Manganese Dioxide Granulated Ferric Hydroxide Granulated Ferric Hydroxide	Everzit®N/H/Special Plus Everzit® Mn Everzit® As Everzit® Phat
	Talc	Aquatal
	Calcium Hypochlorite Swimming Pool Products	 - range
	Lactates	Purasal

SUPPLIER	PRODUCT GROUP	BRAND NAME
 	Ion Exchange Resins	Purolite/Brenntag
	Polyaluminium Chlorides Polyaluminium Chlorides Blends	PAC Sachtoklar Ekofix Sachtoloc Biotol
	Defoamers	Struktol

Contacts:

■ Brenntag N.V.
Nijverheidslaan 38
8540 Deerlijk
Belgium

■ Account Manager

Wouter Blondeel
wouter.blondeel@brenntag.be
gsm + 32 470 12 02 42

■ Business Development Managers

Lien Schouteten
lien.schouteten@brenntag.be
gsm + 32 479 90 47 59

Inge Vanhuysse
inge.vanhuysse@brenntag.be
gsm + 32 479 65 01 37

■ Commercial Assistants

Barbara Scheldeman
Barbara.scheldeman@brenntag.be
☎ +32 56 78 82 66

Nancy Bruneel
nancy.bruneel@brenntag.be
☎ +32 56 78 82 53

■ www.brenntag.be

Updated October 2020

