

SERVICE

SEMICONDUCTOR
SOLAR
PHARMA
POWER GENERATION
FOOD & BEVERAGE
PULP AND PAPER
CHEMICAL
OIL AND GAS
MINING
TRANSPORT
RECYCLING



SERVO®

Chemicals and Operating Materials
For Water and Wastewater Treatment





Innovative Solutions For Optimised Processes

The name HAGER + ELSÄSSER® has stood for innovative technology solutions in water treatment for more than 80 years. Since technology and chemistry are inseparable in water treatment, H+E GmbH has a dedicated department for chemicals and operating materials. Through the optimal use of

these substances enormous amounts of the invaluable resource water can be conserved and processes can be optimised. Take advantage of our competence – we will be happy to advise you! The fields of application of our range of chemicals and operating materials are manifold:

Processing mode	Product
Precipitation/flocculation	SERVO®.FLOC, SERVO®.BIOFLOC, SERVO®.ALUFLOC
Foam prevention	SERVO®.DFOAM
Filtration	SERVO®.FILT
Adsorption	Activated carbon, SERVO®.AIR
Ion exchange	Resins
Pretreatment with membrane processes	SERVOANTISCALE®
Hardness stabilisation, dispersion, corrosion protection	SERVOPHOS®, SERVO®.ORGANOPHOS
Biocide treatment/sterilisation/disinfection	SERVO®.ORGANOZID
Biological nutrient solution, trace elements	SERVO®.BIOCOMP
Regeneration of softening plants, ion exchangers and EDIs	SERVO®.SAL, SERVO®.CONTIPUR, basic chemicals
Cold protection compounds, heat transfer media	SERVO®.GLYKOL
Cleaning of membranes and plants	SERVO®.CLEAN
Basic chemicals	Manufacturer-independent procurement of bulk chemicals for water treatment
Test kits, measuring instruments	SERVO®.TEST, SERVO®.CHECK
Laboratory services, resin and membrane analyses	SERVO®.CHECK

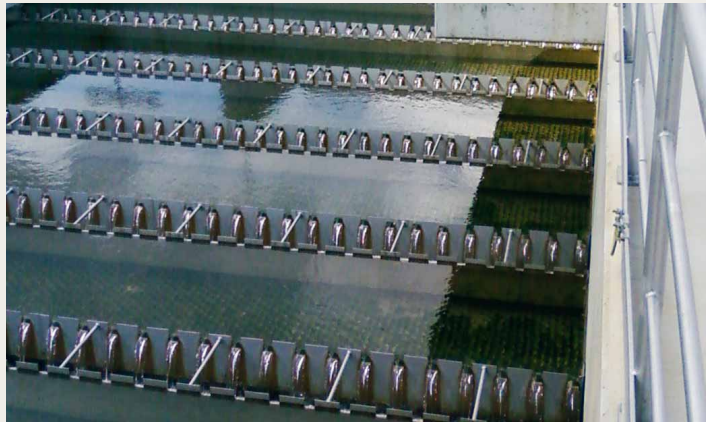
Pretreatment

Precipitation/flocculation

- Polymers (anionic + cationic)
- Metal salts
- Bentonites
- Nanoparticles
- Organic coagulants

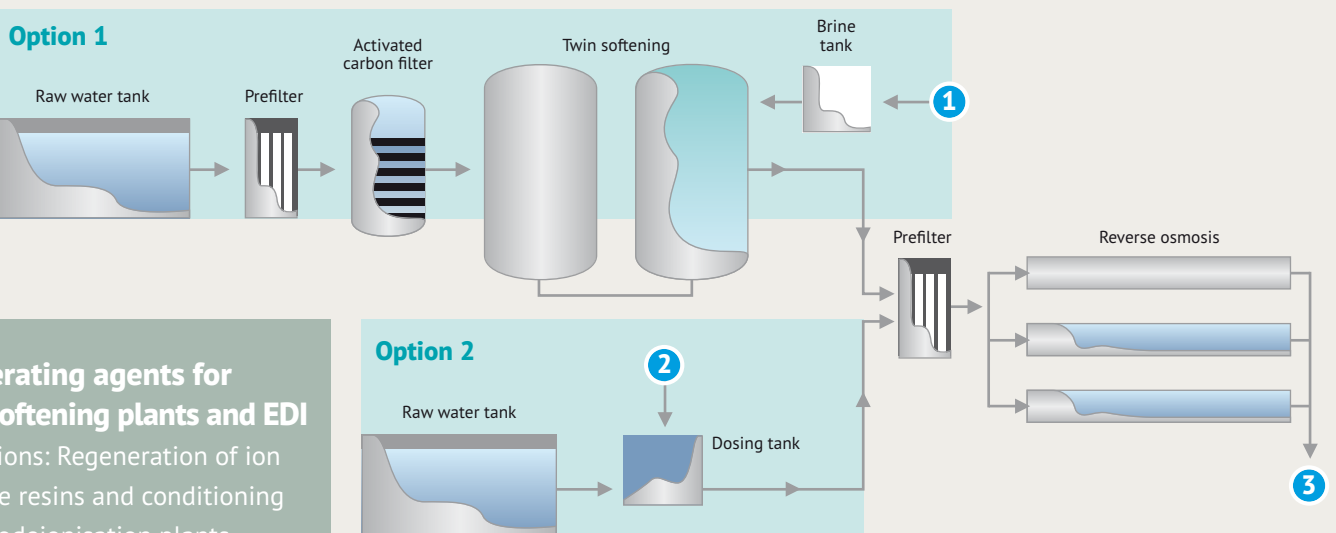


- SERVO®.FLOC
- SERVO®.BIOFLOC



FLOCOPAC®.L by H+E for precipitation and flocculation in industrial wastewater treatment

Conditioning/regeneration



1

Regenerating agents for water softening plants and EDI

Applications: Regeneration of ion exchange resins and conditioning of electrodeionisation plants

- High-purity salt tablets
- Standard salt tablets
- High-purity salt powder
- Salt brine in tank trucks and IBC containers



- SERVO®.SAL
- SERVO®.CONTIPUR

2

Pretreatment reverse osmosis and scale inhibition

- Phosphates
- Phosphonates
- Polycarbonates



- SERVOANTISCALE®

3

Applications

- Cooling systems/humidifiers
- Boilers/heaters
- Drinking water
- Process water
- Industrial water

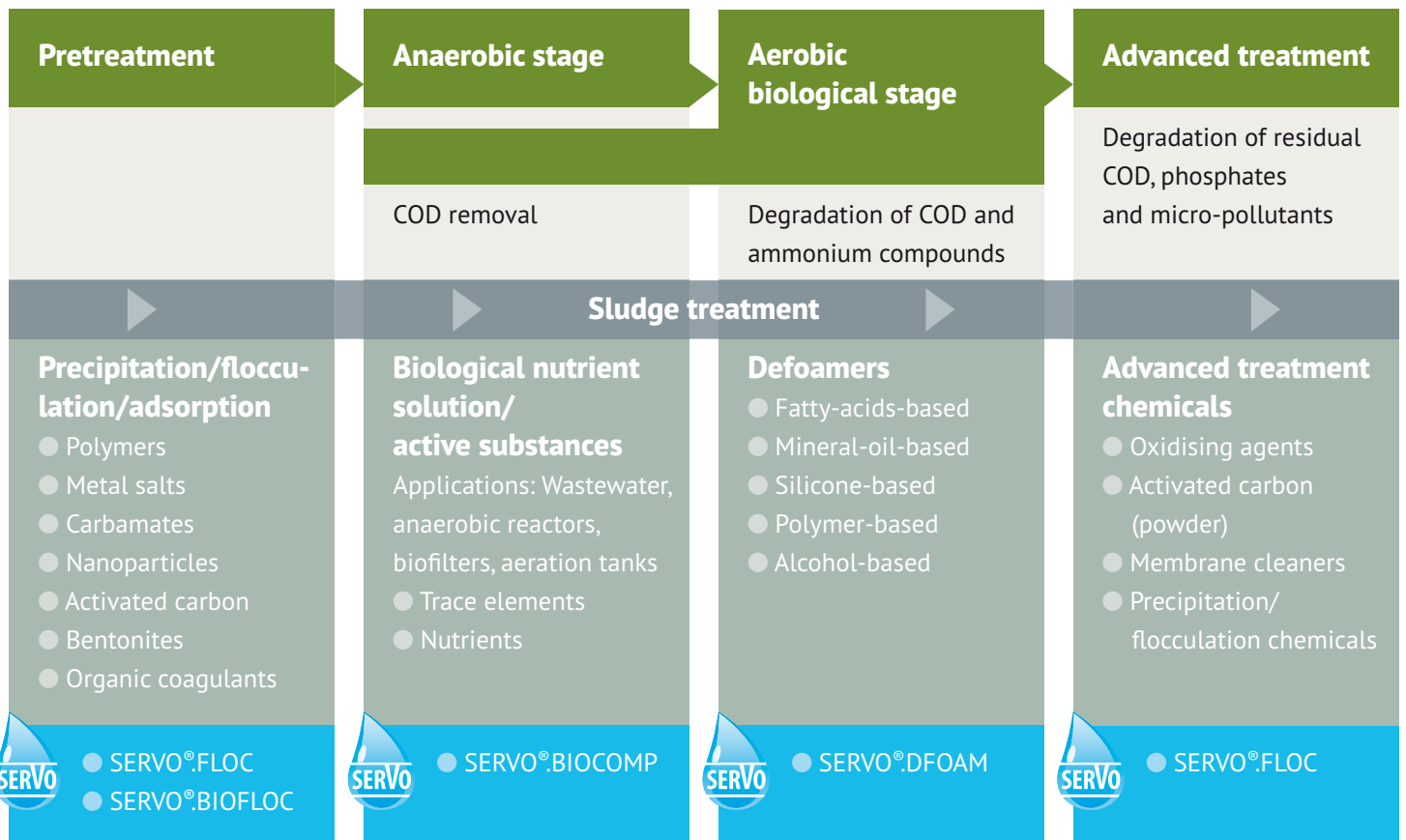
Corrosion protection, hardness stabilisation, dispersion

- Phosphates
- Corrosion inhibitors
- Liquid combination products including biocides
- Sulfites
- Oximes, morpholines, DEHA



- SERVOPHOS®
- SERVO®.ORGANOPHOS
- SERVO®.ORGANOZID
- SERVO®.KETOX
- SERVO®.AMIN
- SERVO®.MIN
- SERVO®.ACRY
- SERVO®.POLY
- SERVO®.SULF
- SODIUM SULFITE

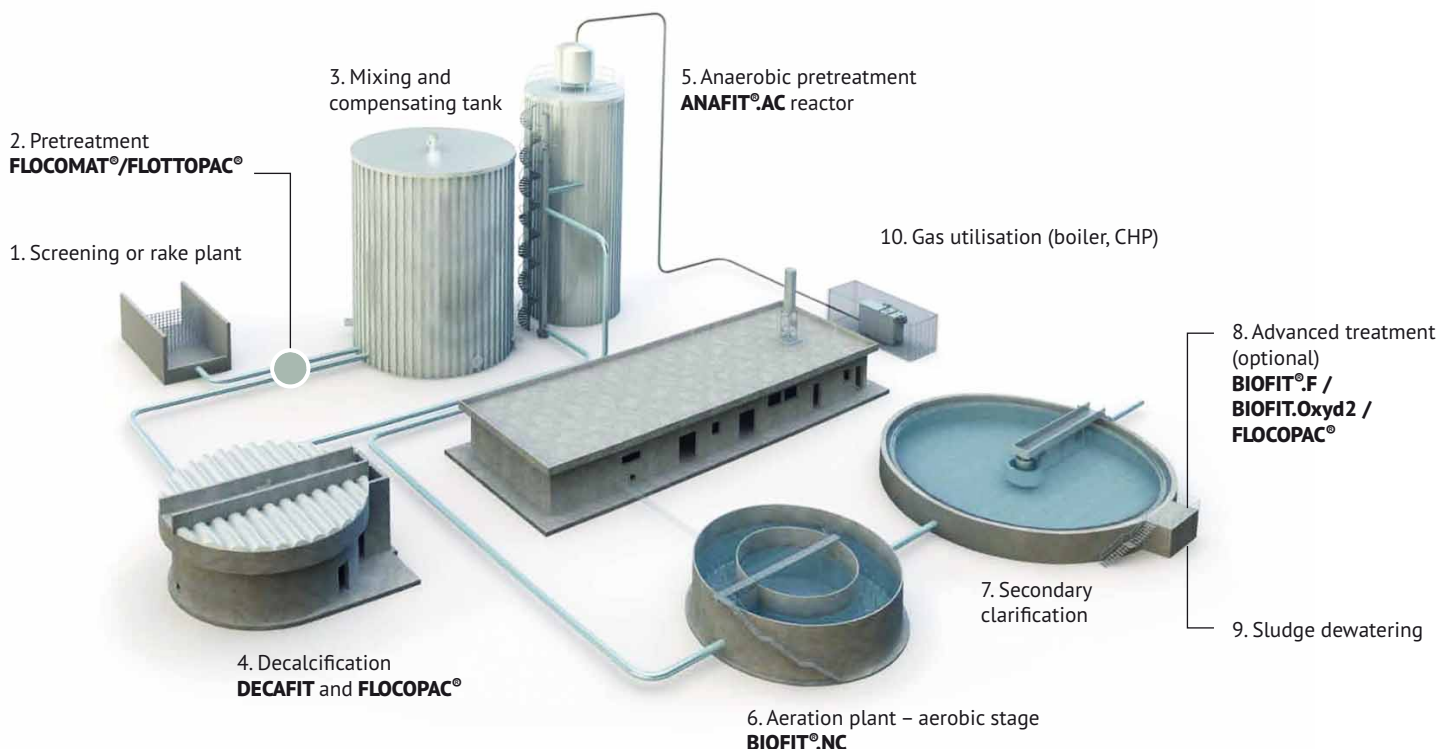
Wastewater treatment



Standard chemicals, bulk chemicals

Applications: Pretreatment / conditioning / regeneration of water treatment plants

Biological wastewater treatment



Cleaning chemicals

Applications: Membranes and plants

- pH-neutral, acidic and alkaline cleaners
- Tensides, enzymes, complexing agents, dispersants
- Oxidative cleaners
- Halogenated cleaners



● SERVO®.CLEAN



Ready mixes/heat transfer mixtures

- Mixtures of all types, including heat transfer mixtures

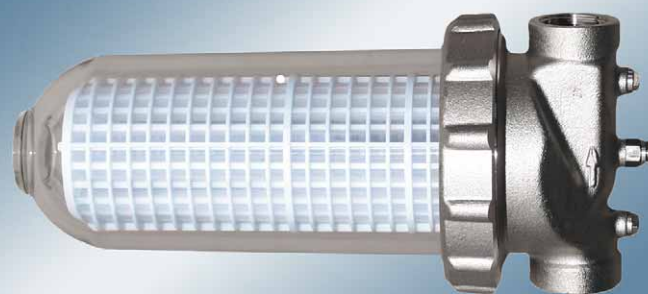


● SERVO®.GLYKOL



Spare parts

- Reverse osmosis modules
- Filters
- EDI stacks (electrodeionisation)



Tank fillings

- Ion exchange resins
- Activated carbon
- Gravel, sand
- Adsorbents for the gas phase
- Hydro-anthracite



Benefits

Everything from a single source!

We supply you with the necessary chemicals and processing components for your water treatment plants, either from our own product range, proven over many years, or manufacturer-independent at interesting conditions.

We support and advise you in the selection of the most suitable formulations or bulk chemicals for you and your applications and carry out tests in the laboratory and on site.

Your goods are delivered to the place of application, nationally and internationally.

We develop concepts for stockkeeping, taking into account general availability and current delivery times. Talk to us about the possibilities of "safety stock" / consignment stock for safe storage of your chemical supplies – so should the need arise, everything is readily available.



Take advantage of our consulting expertise

From small containers to tank truck deliveries everything is possible – please approach our water treatment chemicals product management with your requirements.

We are also happy to take care of the analyses of water samples, deposits, and ion exchange resins.

Our quality requirements for the chemicals and adjuvants we trade in are as high as those for our tried-and-tested formulations from our own production.

Note:
All information in this publication is for information purposes only. It must not be interpreted, nor is it intended to represent any kind of warranty or guarantee. The only legally binding statements are those contained solely within our quotations. Errors and omissions excepted.

Contact product management chemicals

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