



Product Catalogue

Water- and Sludge Treatment Products 2026



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Our Products

M Vest Water enables effective and sustainable water treatment through NORWAFLOC®, a range of coagulant and flocculant products developed and selected to support companies in meeting regulatory discharge requirements and environmental performance targets.

NORWAFLOC® water treatment products deliver reliable performance, high operational efficiency, and cost-effective treatment across a wide range of applications.

Further details on how our services, equipment, and technical expertise can assist customers in meeting regulatory, operational, and sustainability requirements are provided in our Service and Equipment Catalog.





Key Industries

NORWAFLOC® is applicable across a wide range of industries. Our key industries are Aquaculture, Oil & Gas, Dredging and Municipal. In addition, our solutions are also applicable in agriculture, mining, the food & beverage industry, and other sectors.

Aquaculture



Dredging/Municipal



Oil & Gas





Product Categories

The NORWAFLOC® portfolio is organised into four product categories covering coagulation, flocculation, clarification and sludge dewatering. Products may be used individually or in combination depending on water characteristics, contaminants and treatment process requirements.

Inorganic Coagulants

Mineral-based products for particle destabilisation and clarification



Inorganic Hybrid Coagulants

Combined coagulation and flocculation with biodegradable components



Natural-based Flocculants

Plant-derived flocculants for sustainable clarification and dewatering



Water-based Flocculants

High-performance liquid flocculants for separation and sludge dewatering





Inorganic Coagulants

Inorganic coagulants are mineral-based chemicals, used in water and wastewater treatment to destabilize and aggregate suspended particles. By neutralizing the electrical charges of impurities, they promote the formation of larger flocs that can be easily removed through sedimentation or filtration.



NORWAFLOC® C55

NORWAFLOC® C55 is a high-performance inorganic coagulant for removing oil, suspended solids, and colloids in water and wastewater treatment. It is ideal for slop water treatment and performs best when combined with NORWAFLOC® CA223.



NORWAFLOC® C904

NORWAFLOC® C904 is a high-performance inorganic coagulant with a shelf life exceeding two years. It is highly effective for turbidity removal, delivering stable and consistent clarification in water and wastewater treatment.



Inorganic Coagulants

Inorganic coagulants are mineral-based chemicals, used in water and wastewater treatment to destabilize and aggregate suspended particles. By neutralizing the electrical charges of impurities, they promote the formation of larger flocs that can be easily removed through sedimentation or filtration.



NORWAFLOC® C603

NORWAFLOC® C603 is a liquid ferric based coagulant. It effectively removes colour, phosphates, and heavy metals.



NORWAFLOC® C604

NORWAFLOC® C604 is a liquid ferric chloride coagulant for wastewater treatment. It removes colour, phosphates, heavy metals, supports hydrogen sulfide control, struvite prevention, and sludge conditioning, with very low nickel content.



MVEST WATER

Inorganic Coagulants Specifications

Product	Charge / Ionicity	Physical state	Colour	Iron (Fe tot)	Aluminum (Al 3+)	pH	Density	Viscosity
NF C55	Cationic	Liquid	Light yellow	N/A	11,0 %	2.0 - 3.0	1,35 g/cm ³	20 - 25 mPa·s @ 20 °C
NF C904	Cationic	Liquid	Clear	N/A	12,5 %	3.5 - 4.5	1,34 g/cm ³	20 - 25 mPa·s @ 20 °C
NF C603	Cationic	Liquid	Brown	11,5 %	N/A	< 1.0	1,48 g/cm ³	20 - 40 mPa·s @ 20 °C
NF C604	Cationic	Liquid	Brown	14,0 %	N/A	< 1.0	1,42 g/cm ³	5 - 15 mPa·s @ 20 °C





Inorganic Hybrid Coagulants

Inorganic hybrid coagulants are advanced treatment chemicals that combine mineral-based components with biodegradable polysaccharide flocculants to enhance performance in water and wastewater treatment. By neutralizing the electrical charges of impurities, they promote the formation of larger flocs that can be easily removed through sedimentation or filtration, while reducing environmental impact and maintaining high treatment stability.



NORWAFLOC® C508

NORWAFLOC® C508 is our best-selling, natural-based product for water treatment. It combines an inorganic coagulant with a biodegradable polysaccharide flocculant in a single formulation, delivering reliable performance across a wide range of applications. The polysaccharide converts dispersed oil droplets and organic matter into stable, filterable particles, enabling effective depth filtration in the NORWAPOL® process. This makes C508 an excellent match for NORWAPOL® polishing, significantly improving filtration efficiency and overall treatment performance.



NORWAFLOC® C508W

NORWAFLOC® C508W offers the same dual coagulation and flocculation performance as C508 but is formulated for harsh outdoor and winter storage conditions.



Inorganic Hybrid Coagulants Specifications

Product	Charge / Ionicity	Physical state	Colour	Freezing Point	Aluminum (Al 3+)	pH	Density	Viscosity
NF C508	Cationic	Liquid	Light yellow	- 10 °C	10,5 %	2.0 - 3.0	1,35 g/cm ³	20 - 25 mPa·s @ 20 °C
NF C508W	Cationic	Liquid	Light yellow	- 20 °C	9,5 %	2.0 - 3.0	1,3 g/cm ³	20 - 25 mPa·s @ 20 °C





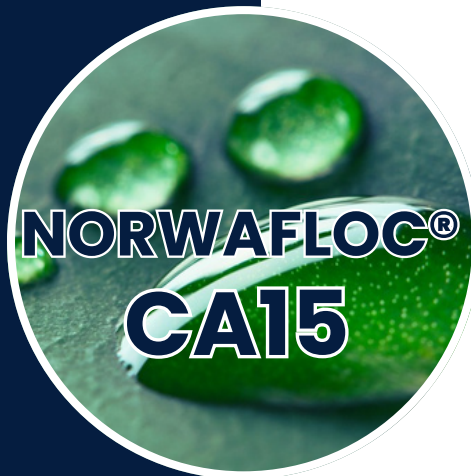
Natural-based Flocculants

Natural-based flocculants are plant-derived compounds designed for efficient solid-liquid separation in water and wastewater treatment. They promote particle aggregation through bridging, forming dense, fast-settling flocs that improve clarification and filtration. They also enhance sludge dewatering by increasing solids capture and reducing residual moisture. These materials deliver consistent, high performance and can often match or outperform conventional synthetic options.



NORWAFLOC® C25

NORWAFLOC® C25 is a natural-based flocculant produced from starch, a renewable byproduct of plant protein processing. By converting agricultural side streams into valuable resources, this natural flocculant delivers high performance in water treatment and sludge dewatering and can outperform conventional synthetic alternatives.



NORWAFLOC® CA15

NORWAFLOC® CA15 is a natural-based amphoteric flocculant made from starch derived from renewable plant-protein processing by-products. Its amphoteric properties enable effective interaction with both positively and negatively charged contaminants. It provides high-performance clarification and sludge dewatering while supporting a sustainable, circular approach and reducing the environmental footprint of conventional flocculants.

Natural-based Flocculants Specifications

Product	Charge / Ionicity	Physical state	Colour	pH	Density	Viscosity
NF C25	Cationic	Liquid	Yellow	5.0 - 6.0	1,03 g/cm ³	25000 mPa·s @ 20 °C
NF CA15	Amphoteric	Liquid	Yellow	5.0 - 7.0	1,03 g/cm ³	7000 mPa·s @ 20 °C





Water-based Flocculants

Water-based flocculants are liquid formulations designed for wastewater treatment and sludge dewatering. They aggregate suspended particles by forming bridges between impurities, creating larger, fast-settling flocs that are easily removed by sedimentation or filtration. This improves solids capture, reduces residual moisture, and ensures efficient, reliable treatment with easy handling.



NORWAFLOC® CA223

NORWAFLOC® CA223 is an amphoteric flocculant with high molecular weight for efficient solid-liquid separation. Produced with very low residual acrylamide and no added solvents or surfactants. Works especially well with NORWAFLOC® C508/C55, boosting floc strength and improving sludge dewatering.



NORWAFLOC® C218

NORWAFLOC® C218 is a very high-molecular weight cationic flocculant for sludge dewatering. Delivers strong floc formation and reliable separation, particularly in centrifuges and screw presses.



Water-based Flocculants

Water-based flocculants are liquid formulations designed for wastewater treatment and sludge dewatering. They aggregate suspended particles by forming bridges between impurities, creating larger, fast-settling flocs that are easily removed by sedimentation or filtration. This improves solids capture, reduces residual moisture, and ensures efficient, reliable treatment with easy handling.



NORWAFLOC® C249

NORWAFLOC® C249 is a high-molecular weight cationic flocculant delivering outstanding performance in Slop water treatment, both as a sedimentation aid and in decanter dewatering. It efficiently separates fats and oils, especially in flotation, performs well in high-conductivity media, and contains no organic solvents or surfactants.



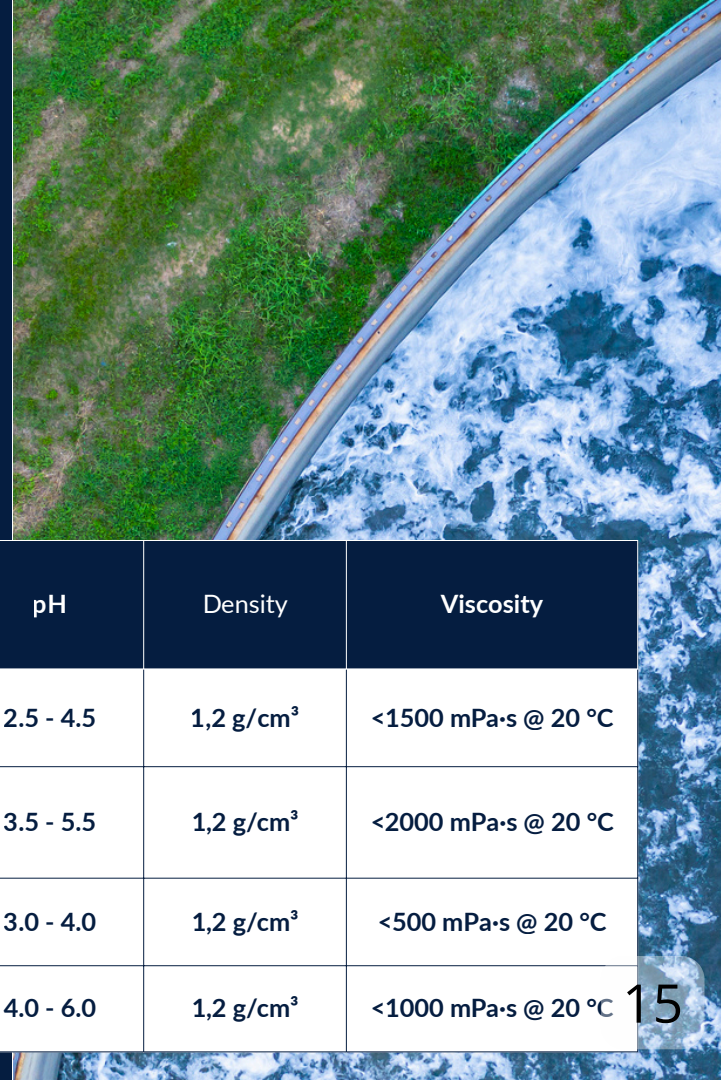
NORWAFLOC® A254

NORWAFLOC® A254 is a very high-molecular weight anionic flocculant designed for high-pressure and temperature conditions. Builds viscosity at low shear rates for stable floc formation and performs reliably across a wide pH range with strong affinity for suspended solids.



Water-based Flocculants Specifications

Product	Charge / Ionicity	Physical state	Molecular Weight	Anionicity/ Cationicity	pH	Density	Viscosity
NF CA223	Amphoteric	White Milky Liquid	High	Medium	2.5 - 4.5	1,2 g/cm ³	<1500 mPa·s @ 20 °C
NF C218	Cationic	White Milky Liquid	Very High	Very High	3.5 - 5.5	1,2 g/cm ³	<2000 mPa·s @ 20 °C
NF C249	Cationic	White Milky Liquid	High	Very High	3.0 - 4.0	1,2 g/cm ³	<500 mPa·s @ 20 °C
NF A254	Anionic	White Milky Liquid	Very High	Medium	4.0 - 6.0	1,2 g/cm ³	<1000 mPa·s @ 20 °C





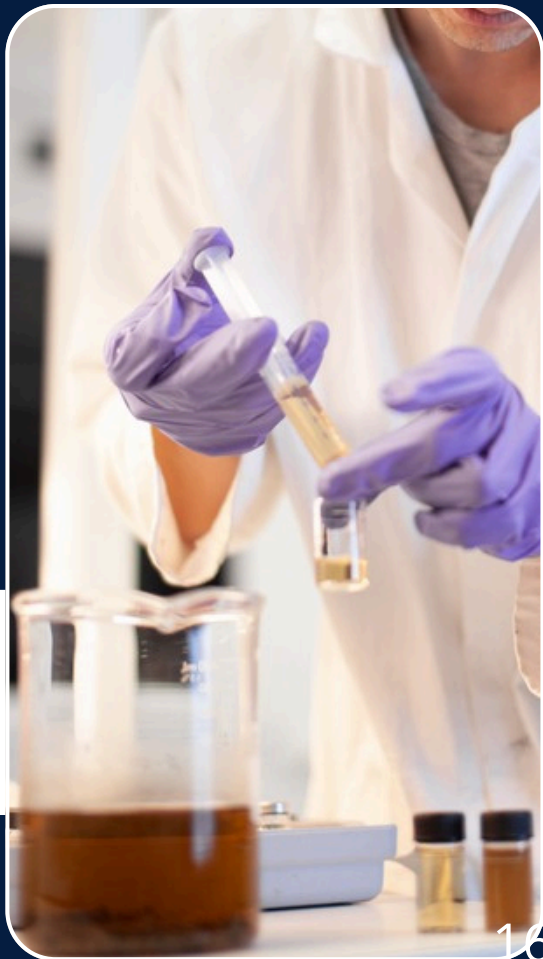
Laboratory testing and Product selection

Our experts carry out sludge dewatering and wastewater testing to determine the most effective NORWAFLOC® product combination and suitable treatment process for your application. MVW also offers a free [Sample Kit](#).

After completing laboratory jar testing, we can move forward with pilot-scale trials and support full-scale implementation at your facility to ensure the results translate effectively into your process.



For more information on our testing services, pilot trials, and equipment solutions, contact sales@mvestwater.com





Delivery

Our products are supplied in 25-liter cans, 1,000-liter IBCs, ISO tanks, and bulk deliveries, with packaging options selected based on product type and customer requirements.

For pricing and availability, please contact: sales@mvestwater.com

For TDS and MSDS for individual products please contact: info@mvestwater.com

25-liters cans



1,000 liter IBCs



ISO tanks/bulk





Product Sample Kit

Contact info@mvestwater.com to order a free* Product Sample Kit for testing in your own laboratory.

Our team can help you select the most suitable NORWAFLOC® sample bottles for your application.

[CLICK TO ORDER](#)

**Please note that shipping costs apply.*



What is included in the Sample Kit ?

NORWAFLOC®

- Sample bottles (30 ml.)
- QR-code: Product SDS

Instruction Booklet

- Product Overview
- Recommended Laboratory Setup
- Product Applications Table
- Test Procedures/Instructions





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