



SNF
WATER SCIENCE

WATER CLARIFIERS
OIL & GAS APPLICATION

Treat the Produced Water

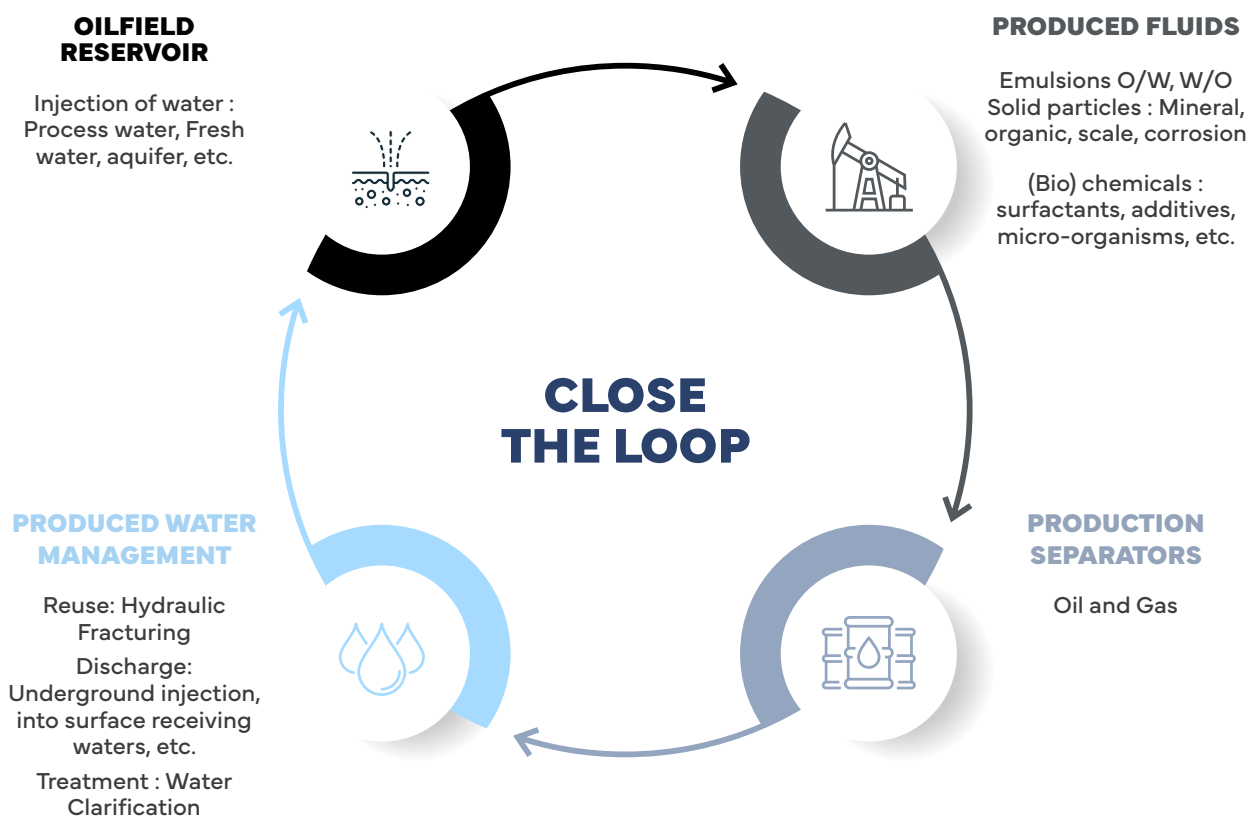
Today, the oil demand continues and will continue to do so in the foreseeable future. With the market and growth for oil comes an increase in produced water and the need to treat this water. This need arises from growing environmental regulations, the need to conserve water, and greater operational efficiency.

Produced water treatment has one of the highest operational costs for any oil and gas operating company, which will only increase as produced water volumes increase.

Advances and continuing innovation in engineering and chemical technology to treat produced water now enable a more proactive approach to addressing environmental, operational, and cost issues. SNF is at the

forefront of such advances in engineering and chemical technology. One such branch of chemical technology is water clarifiers.

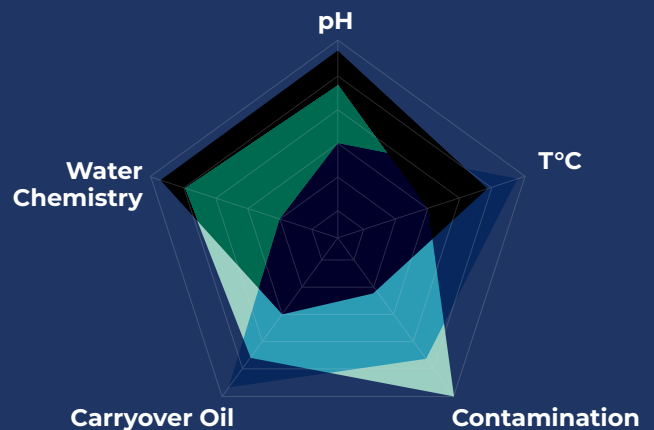
Reuse of produced water for cost-effective and environmentally sustainable solutions



PRODUCED WATER CLARIFIERS **HYPERFLOC™**

Produced water contains a broad mixture of gases, solids, and bacteria, each impacting the ability of a water clarification process and the ability of the water clarification chemical to work efficiently.

Applying its total system approach, SNF has designed and developed a range of water clarification chemicals that treat a vast spectrum of water conditions. These chemicals can be applied alone or in combination to achieve the optimal performance for virtually any oil and gas production scenario.



Partner of Choice

With more than 50 years of experience in wastewater treatment, SNF is your partner of choice for treating what once was viewed as waste and can now be turned into a resource that must be carefully managed and preserved. SNF is the worldwide leading provider of water treatment chemicals involving a comprehensive portfolio of produced water clarifiers.

Our water clarifiers range of HYPERFLOC™ flocculants and coagulants are available as free-flowing powders, emulsions, and liquids. No doubt, SNF can provide the products you need to improve your operating efficiency and achieve environmental objectives, no matter the physicochemical properties of your produced water, your key performance indicators, and your equipment in place.

Versatile

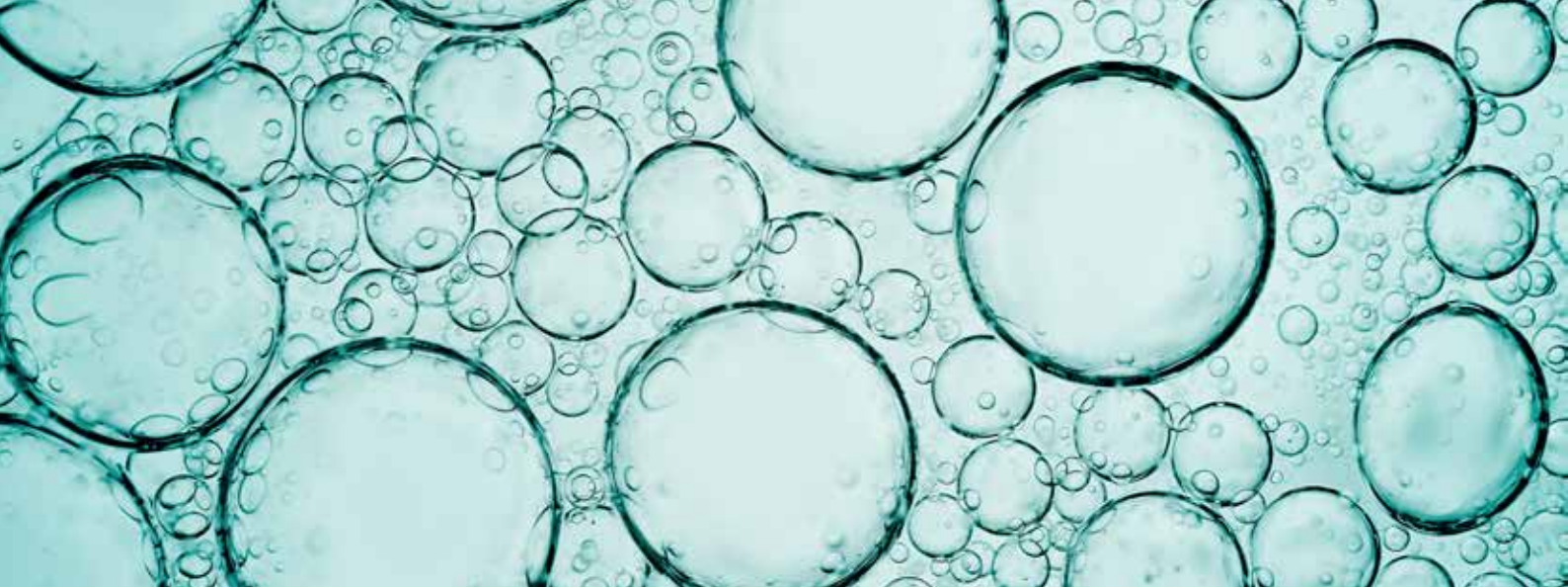
Compatible with all existing process like flotation, sedimentation, cyclones, membranes

Robust

Tolerant toward expected variations like water chemistry, impurities and oil concentration

Bespoke

Whether your requirements are standard or specific, the extensive HYPERFLOC™ range is poised to fulfill your unique demands.



OUR EXTENSIVE WATER CLARIFIER RANGE

Where Every Need Finds Its Perfect Solution

SNF proposes a selection of some of the most versatile and robust HYPERFLOC™ water clarifiers in the form of test kits. These product selections result from fruitful discussions with our customers and field experts.

Such feedback is precious and helps us to update this kit's content constantly. SNF is committed to a 100% customer-oriented philosophy: our goal is to offer you the easiest and fastest way to identify what fits your performance criteria best.

Several specialty kits are also available. Their contents have been specifically designed for specific applications that also induce the treatment of large volumes of produced water.

Request your kit at ogsample@snf.com

Ask for your Water Clarifier Test Kit: Your Customized Answer to Every Challenge



Standard Kit

Selection of the most versatile and robust products in the **HYPERFLOC™** Water Clarifiers range.



Off-Shore Kit

Dedicated selection of products fulfilling the Zero Liquid Discharge regulatory.



Steamflooding Kit

Specially developed for Steam Assisted Gravity Drainage or Cyclic Steam Stimulation.



Bio-based Kit

Selection of alternative product based on renewable raw materials from the biomass.



CUSTOMER-CENTRIC

Customer Support

We have a dedicated team of international Customer Support Experts to take charge of your new projects and to assist you across the lifecycle of your produced water treatment operations.

The team comprises multilingual and multicultural engineers based at our headquarters in France and our technical centers worldwide.

We are chemists, engineers, developers, and technicians. We speak 17 languages and are present in 50 countries. We work with you and for you.

We are passionate about helping you succeed. Our philosophy is to put our clients first – to understand their situation and provide a first-class service tailored to their needs.

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ONSITE AUDIT

Our customer support prioritizes efficiency and accuracy through onsite audits, ensuring a thorough examination of your specific needs and challenges.

SAMPLE TESTS

Our commitment to quality is exemplified through meticulous sample tests, allowing us to identify potential issues and refine our support strategies.

EXPERTISE

Our dedicated professionals bring a wealth of expertise to address your unique concerns promptly and effectively.

TRAINING

Our customer support extends beyond issue resolution to encompass comprehensive customer training programs.



WHAT MAKES US DIFFERENT

Why Choose SNF

Backed by world-class equipment and engineering support, qualified applications specialists, efficient manufacturing of quality water-soluble polymers, and optimized supply chain management, SNF is a recognized leader in developing high-performance chemical solutions designed to exceed the needs of our customers in the Oil & Gas Industry.

Worldwide Leader

With 21 production facilities and subsidiaries in more than 50 countries, the SNF Group is the world's leader in water chemistry.

30 Years of Experience in Oil & Gas

Over the last 30 years, SNF has acquired a solid understanding of clients' needs in oil fields. Combined with polymer expertise, we offer complete engineering systems to optimize injection for polymer flooding applications.

Polymer Manufacturer

As a global leader in the manufacturing of water-soluble polymers, SNF continuously improves a range of more than 1,000 products, which helps reduce energy needs and carbon intensity while contributing to the responsible extraction of key mineral resources essential to the energy transition.

Fully Integrated Company

SNF is a fully integrated company. We have channeled all of the supply chain to be internal - from research and development to production, from your equipment design to its installation.

150 Oil & Gas Experts

We are engineers, developers, technicians, and oil and gas experts who strive to solve your challenges. Together, we aim for excellence in every step, from the first on-site audit to your staff training.

Industrial Work Force

SNF polymers are manufactured in 21 plants covering 5 continents, allowing us to provide polymer solutions to the Oil & Gas Industry cost-effectively and energy-efficiently.



MANUFACTURING FOOTPRINT

A Strong and Reliable Supply Chain



Responsible Chemistry

With 21 production facilities and subsidiaries in more than 50 countries, the SNF Group is the world's leader in water chemistry. As a leader in our industry, we are responsible for addressing the planet's environmental challenges by going further and working faster to strengthen water chemistry's ethical dimension.

SNF Responsible Chemistry reflects SNF's goal of being one of the most exemplary chemical producers in terms of environmental footprint. This defines our ambition and strategy for the climate.

At SNF, we are committed to ensuring that these drivers are more than just messages. They are part of the Group's DNA and give meaning to our actions. That is why we have been a member of the UN Global Compact since 2008. We are committed to the ten universal principles of the initiative.

