



Oilfield Production Chemicals

CHEMICAL SOLUTIONS FOR THE OIL INDUSTRY

Oilfield Chemical Manufacturer and Solutions Developer

SI Group's manufacturing expertise and modern, industry-leading technology improves the efficiency of oil production around the globe. We offer solutions for both upstream and downstream applications. Supported by world-class manufacturing facilities and a team of technical experts, our oilfield chemical intermediates portfolio continues to grow to support our customers' needs.

SI Group has more than 100 years of experience manufacturing alkylphenol intermediates and resins. As the global leader in alkylphenol and resin manufacturing expertise, we provide the world's largest range of monomers and resin customization capability. Our capabilities and expertise allow us to produce resin solutions to meet the changing needs of the oilfield industry or to produce resins to customer specifications.

As oilfield chemical needs vary around the globe, we have manufacturing facilities on four continents including a dedicated **Oilfield Center of Competence**

located in Niskayuna, NY, USA. Our Oilfield Center of Competence is a technology hub focused on research and development efforts to improve existing and provide novel oilfield chemistries. Through this Center of Competence, SI Group provides novel high-quality solutions, leveraging our global best-practices and technology sharing excellence.

Our emphasis on global supply chain and procurement enables us to provide our customers with industry leading security of supply. Paired with our R&D dedication and history of manufacturing excellence, SI Group is able to deliver state of the art products to our customers where and when needed. Our growing portfolio and expanding manufacturing capabilities are designed to support your dynamic industry and technology needs.



Oilfield Research & Development and Technical Expertise

SI Group's technical expertise is founded on our long history of resin and alkylphenol manufacturing, leading our customization capabilities and global manufacturing consistency.

Since our foundation is in resin development and manufacturing, it provides us with unparalleled resin expertise. Our laboratories and pilot facilities have been designed to meet the ever-changing needs of our customers and the industry.

At our **Oilfield Center of Competence**, we have devoted research and development resources to understanding the issues affecting the oilfield chemical industry and finding new solutions. Our centralized team of technical experts work on a wide variety of standard, specialized, and custom resin development to broaden our portfolio of offerings to our customers.



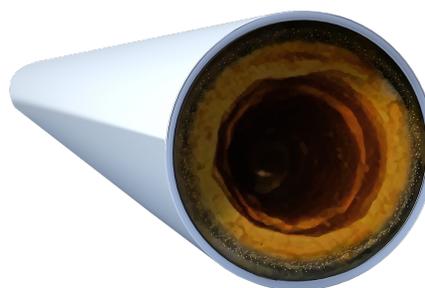
REZIFLOW™ demulsifier intermediates help efficiently separate oil and water.

Oilfield Portfolio

SI Group's oilfield solutions increase the efficiency of oil production through increased production throughput and reduced downtime. We have a growing portfolio of oilfield solutions that includes manufacturing and development of demulsifiers, flow assurance intermediates, and alkylphenols for enhanced oil recovery.

Regardless of the need or demand, we have offerings that have been designed to meet even some of the more stringent regulatory requirements including products that have <0.1% free monomer content.

Our technical teams are actively researching and testing new offerings that will continue to be sustainable as the regulatory environment continues to change.

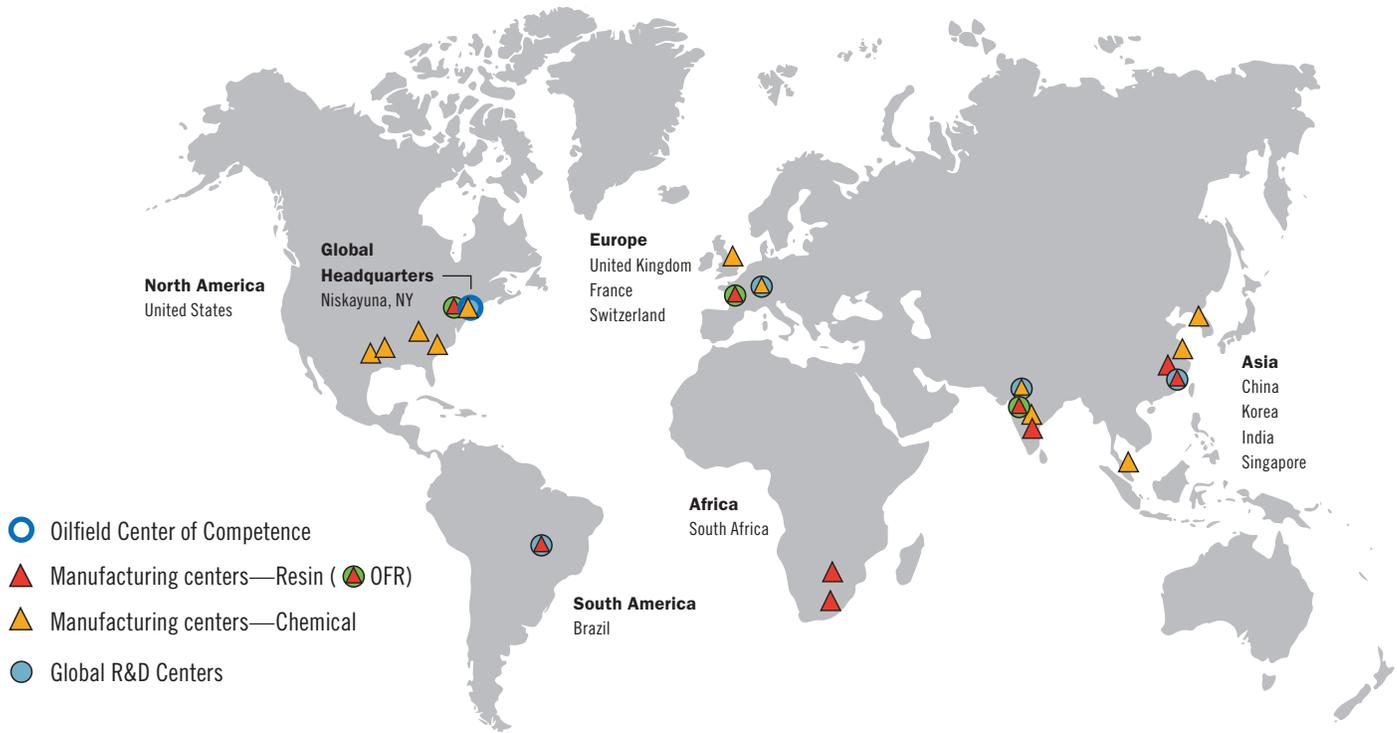


CERIFLOW™ flow assurance components mitigate paraffin and asphaltene deposition.

Production Chemical Components	Chemical Building Blocks	Resin Products
REZIFLOW Demulsifier Intermediates	<ul style="list-style-type: none"> • p-Nonylphenol • p-Tert-Butylphenol • p-Tert-Amylphenol • p-Tert-Octylphenol • p-Dodecylphenol • Di-Nonylphenol 	<ul style="list-style-type: none"> • Linear novolacs • Calixarene • Amine modified • High molecular weight • Low free monomer • Customized
CERIFLOW Flow Assurance Components Paraffin and Asphaltene Inhibitors	<ul style="list-style-type: none"> • Alkylphenol building blocks 	<ul style="list-style-type: none"> • Specialty alkylphenol formaldehyde resins • Customized
H₂S Scavenger	<ul style="list-style-type: none"> • Triazine 	

Global Presence and Supply Chain

SI Group manufactures oilfield chemicals and resins on four continents. Our Oilfield Center of Competence is located at our global headquarters in Niskayuna, New York, USA.



What This Means for You

Our global footprint and supply chain provides SI Group with the ability to supply materials from multiple locations and different parts of the world—minimizing lead times and ensuring global product availability. Additionally, we have

a well-established global network of feedstock supply for our key raw materials to ensure we consistently provide the highest security of supply to our customers.

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