

COASTAL CHEMICAL
A BRENNTAG GROUP COMPANY

SCALE

ABOUT US

In managing scale formation in oilfield systems, various parameters are considered to develop the most efficient and economical treatment program.

Coastal's chemical strategy for scale control is designed to specifically address:

- Prevention of inorganic scale deposition (e.g., calcium carbonate, barium sulfate, iron sulfide) in production tubing, flowlines, and surface facilities
- Optimization of scale inhibitor application methods, including continuous injection, batch treatment, and squeeze jobs
- Compatibility with formation water, injection water, and other treatment chemicals
- Mitigation of scale-related flow restrictions and equipment fouling to maintain production efficiency
- Integration with scale monitoring and prediction tools (e.g., water analysis, saturation index modeling)
- Compliance with environmental and regulatory standards for scale inhibitor usage and discharge
- Deployment of advanced scale inhibitor chemistries tailored to high temperature, high pressure, and high TDS environments

SCALE PRODUCTS

We offer a comprehensive portfolio of solutions to meet a wide range of operational needs. However, the products that best represent our core strengths and deliver the most value are highlighted in the table below. These key products reflect our most reliable, proven, and widely used formulations.

Scale Inhibitor Name	Scale Type Targeted	Temperature Tolerance	Best For	Treatment Method
7251-SIW , SCW-630N-GL.	Carbonates and sulfates	High (350°F)	Downhole protection and surface applications	Continuous
1027-S , 7234-SIW, SCW-601	Carbonates and sulfates	High (400°F)	Downhole protection and surface applications	Continuous
SCW-632	Mixed Scales, $CaSO_4$, $CaCO_3$	Moderate (150°F)	Downhole protection and surface applications	Continuous
SCW-637, 2716-SIW	Mixed Scale Types	Moderate to High (350°F)	Downhole protection	Continuous and Squeeze
SCW-997	Sulfates	Moderate to High (300°F)	Dissolver downhole	Batch
WAW-594, MPA-2105, 9520-WT	Iron Control	Low to Moderate (225°F)	Injection Water / Disposal wells	Continuous and Batch
7233-SIW, SCW-633	High Calcium tolerant	Moderate to High (350°F)	Downhole protection and surface applications	Continous

VALUE TO OUR CUSTOMERS

Coastal Chemical Application Engineers design each treatment from Product selection to the monitoring KPIs.

We continue value generation and reduction of costs through lean six sigma methodologies with our internal processes.

PROCESS OPTIMIZATION

- Prevented scale deposition in equipment and pipelines
- Maintained flow efficiency
- Reduced maintenance and cleaning frequency
- Minimized production downtime
- Protected equipment integrity
- Improved heat transfer efficiency
- Lower operating and treatment costs

SPECIALTY APPLICATIONS

- Downhole scale prevention
- Surface pipeline protection
- Water injection system treatment
- Scale squeeze treatments in wells
- Separator and treater fouling control
- Heat exchanger and heater treater protection
- Produced water system maintenance
- Scale control in high-TDS and HPHT environments

Contact Coastal Chemical today and get the Energy LEADER on your side.

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