



# Technical DataSheet

# Saf-C-H<sub>2</sub>O<sup>®</sup> *Seawater Treatment System*

## Typical Physical Properties

Appearance.....Clear Liquid  
 Specific Gravity.....0.98-1.04  
 Flash Point.....165-170°F

## Benefits & Applications

- Effectively treats the major risk factors associated with seawater usage.
- Controls the development of corrosion and damaging corrosion products.
- Provides potent antifouling chemistries.
- Dosing options available to meet your exact conditions and application.

## Packaging

SAF-C-H<sub>2</sub>O<sup>®</sup> is available in 5-gallon pails capable of treating up to 1,000 gallons of seawater or in drums and totes.

## Product Description

Saf-C-H<sub>2</sub>O<sup>®</sup> is a system designed to treat seawater prior to its use down hole. Seawater contains large sulfate and metal ion concentrations that readily bind to ions down hole and form scale. The most problematic of which is sulfate rich seawater reacting with native barium and causing acid insoluble barite scale. This scale requires chemical systems that cause more harm than good. Seawater is laden with harmful components that can cause corrosion and casing fouling due to the formation of corrosion products with debris. This system is designed to control these major risk factors associated with seawater usage. Incorporating a blend of potent sequestering, chelating, and antifoulant chemistries, Saf-C-H<sub>2</sub>O<sup>®</sup> is able to effectively prevent scale formation and inhibit casing corrosion and degradation.

## Treatment Recommendation

Saf-C-H<sub>2</sub>O<sup>®</sup> can be used at several concentrations depending on the likelihood of damage seen through analytical testing of down hole conditions. For the majority of conditions a product loading of 0.05-0.1% is typical.

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