

# SCAVSOL™ AF 5050

Proprietary Divalent Chelant + Glutaraldehyde



**solugen**

**ScavSol™ AF 5050** is a water-soluble proprietary product designed for controlling divalent cations in oil and gas process streams. Applications may include drilling, completion, frac systems, and general hydrocarbon / water process streams.

## Main Applications

**ScavSol AF 5050** is typically applied at a ratio of 4 parts ScavSol to 1 part of divalent ion to control. Divalent ion is a reference to iron, zinc, and calcium. Applications and resulting performance are typically determined by total system analysis which may include pH, temperature, flow regime, oil/water/gas ratio, process flow, and general water chemistry. **ScavSol AF 5050** may be formulated into additional products for multifunctional use.

## Oilfield Process Specific Applications

- Iron Sulfide - Chelation of ferrous and ferric iron prior to iron sulfide formulation in produced water systems.
- Iron Control - Can be used with peroxide to chelate iron before oxidation to reduce pumping pressures.
- Fluid Separation - Removal and control of iron stabilized emulsions.
- Offshore Water Discharge - Control of iron stabilized emulsions in separation and DAF units.
- Compatible with a wide variety of biocides and oxidizers: Chlorine dioxide, Sodium hypochlorite, and Hydrogen peroxide

## Product Benefits

Remediate and prevent iron sulfide deposition

Eliminate additional costs associated with fluids and gas handling

Can be blended to meet field application cost requirements

No special handling requirements

Compatible with other chemical products and production systems

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## Product Properties

<b>APPEARANCE</b> Clear amber liquid	<b>% ACTIVE INGREDIENTS</b> 50%	<b>PH</b> 3.5	<b>CHLORIDES</b> Not more than 70 ppm	<b>SPECIFIC GRAVITY</b> 1.22
		<b>FREEZE POINT</b> Not determined		

*The above general properties do not necessarily constitute a specification.*

## Instructions for use

**ScavSol AF 5050** is typically diluted in aqueous formulations for application continuously (on the fly) or by batch method into an oilfield water handling system.

## Packaging

**ScavSol AF 5050** is packed in 55 usg drums, 330 usg totes, and bulk.

## Storage and stability

Keep **ScavSol AF 5050** in its original closed packaging at ambient temperature.

## Related document

Please refer to **ScavSol AF 5050** SDS and application sheet.