

# ProSolv\* SI8000

## mineral scale controller

SUEZ's ProSolv SI8000 mineral scale controller is designed to:

- Control deposition (fouling) resulting from the precipitation of mineral scale.
- Prevent failures, system downtime, workover costs, and production losses related to scaling issues.
- Be effective over a broad pH and temperature range.

### description and use

ProSolv SI8000 inhibits the crystallization of dissolved solids in oil field brines, from the reservoir to the disposal well. The chemical components of the product are designed to function at a cost effective rate, keeping the mineral scale ions as water soluble products in the brine.

ProSolv SI8000 has proven performance in controlling carbonate and sulfate scales, such as  $\text{CaCO}_3$ ,  $\text{BaSO}_4$ ,  $\text{SrSO}_4$ ,  $\text{FeCO}_3$ ,  $\text{CaSO}_4$ , and other species. It works effectively under a wide range of temperatures and pressures, making it an excellent choice when applied downhole or in surface equipment and flow lines.

### typical applications

ProSolv SI8000 is effective in various oil field production systems. It will inhibit scale in perforations, downhole pumps and tubulars, valves and chokes, flow lines, and process equipment. The water soluble product inhibits scale formation in disposal wells and injection reservoirs, allowing for maximum control at minimum cost.

### treatment

Dosage of ProSolv SI8000 depends on many factors, such as water chemistry, system conditions of temperature and pressure, severity of the problem, and

$\text{H}_2\text{S}$  and  $\text{CO}_2$  levels. Rates vary but are typically in the 20 parts per million (ppm) to 100 ppm range.

This product should be used in accordance with control procedures SUEZ has established for a specific application. For consistent protection, product feed should be continuous.

### feeding requirements

ProSolv SI8000 should be applied directly from the shipping container or storage tank. For consistent effectiveness, the product is best injected continuously by a chemical proportioning pump. However, it may be applied into the reservoir in a squeeze application. Your local SUEZ representative will advise.

Use only stainless steel in feed system piping and components. The product should be protected from freezing.

DO NOT MIX with other production chemicals unless compatibility has been checked and approved by a qualified SUEZ representative.

### packaging information

ProSolv SI8000 is a liquid product that is available in a variety of customized containers and delivery methods. Contact a SUEZ representative for details.

### safety precautions

A Material Safety Data Sheet containing detailed information about this product is available on request.

Find a contact near you by visiting [www.suezwatertechnologies.com](http://www.suezwatertechnologies.com) and clicking on "Contact Us."

\*Trademark of SUEZ; may be registered in one or more countries.

©2017 SUEZ. All rights reserved.