

ScaleTrol* PDC9313

Deposit Control Agent

- Controls fouling resulting from the precipitation of carbonate and sulphate solids
- Provides superior performance in high suspended solids systems
- Effective at high pH and temperature ranges
- Reduces scaling potential in high hardness streams

Description and Use

ScaleTrol PDC9313 is a deposit control agent used in process water systems. It contains a unique blend of organic compounds that control fouling caused by suspended solids and precipitation of scaling ions.

Typical Applications

ScaleTrol PDC9313 is recommended for process water systems where excessive calcium scaling and suspended solids fouling occur. It is particularly effective in streams operating at high calcium hardness and over wide pH and temperature ranges. Many process water strippers experience fouling, either in the tower or reboilers, from calcium carbonate, calcium sulphate, or other water hardness salt deposition. ScaleTrol PDC9313 helps reduce deposition, resulting in decreased maintenance and operational downtime, with increased throughput and energy savings.

Treatment and Feeding Requirements

Proper treatment levels of ScaleTrol PDC9313 depend on many factors, such as the type of deposition, severity of the problem, and conditions particular to a given installation. This product should be used in accordance with control procedures GE Water & Process Technologies establishes for a specific application.

For consistent protection, product feed should be continuous. ScaleTrol PDC9313 should be fed directly from the shipping container or storage tank. For consistent effectiveness, the product must be fed continuously by a chemical proportioning pump. It is usually fed to a process stream, immediately upstream of the problem area. Use only stainless steel in feed system piping and components. The product should be protected from freezing. DO NOT MIX with other process chemicals unless compatibility has been checked with your GE representative.

Monitoring

For best treatment performance, ScaleTrol PDC9313 should be evaluated by periodically recording critical unit parameters or observing monitoring tools, such as deposition coupons, process water circulation rates and chemistry, pressure drops, and heat transfer efficiencies.

General Properties

Physical properties of the ScaleTrol PDC9313 are shown on the Material Safety Data Sheet, a copy of which is available on request.

Packaging Information

ScaleTrol PDC9313 is a liquid blend, supplied in a variety of standard packaging types. This product can also be delivered in bulk quantities through GE's ChemSure* Drumless Delivery Services. Contact your GE representative for details.

Safety Precautions

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



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