

ScaleTrol* PDC9371

Deposit Control Agent

- Provides control of calcium sulfate scaling at low pH
- Reduces maintenance due to cleaning scale deposits
- Performs effectively under low pH conditions – below 5.0
- Compatible with GE Water Chemfeed systems

Description and Use

ScaleTrol PDC9371 is a polyphosphate based calcium sulfate deposit control agent, specifically designed for use in low pH applications such as gas cleaning, industrial process systems and mine drainage. ScaleTrol PDC9371 is an excellent crystal growth modifier and dispersant for calcium sulfate. The product will significantly reduce the formation of adherent calcium sulfate deposits. An additional benefit of ScaleTrol PC9371 is that any calcium sulfate deposits that do form will be inherently more friable & softer, and can be removed more easily.

ScaleTrol PDC9371 is also effective in controlling other types of calcium scale, iron, silt and clay deposition.

Typical Applications

ScaleTrol PDC9371 can be used for low pH (<5.0), process & water streams that have high calcium sulfate scaling tendencies.

Typical streams include:

- SO_x scrubbers
- Particulate scrubbers
- Mine drainage

Treatment and Feeding Requirements ScaleTrol PDC9371 is generally added directly from the shipping container or storage tank, without any dilution or push water. The product should be applied continuously to the process stream, upstream of a

problem area, such as pump inlets or long lengths of piping.

Proper treatment levels for ScaleTrol PDC9371 depend on many factors, such as:

- Calcium & sulfate ion concentrations
- Total dissolved solids (TDS)
- pH
- Suspended solids level (TSS)
- Temperature
- Type & location of deposits

Feed points and dosages for ScaleTrol PDC9371 will be determined after a thorough audit of the system and conducting appropriate water and deposit analyses.

General Properties

Physical properties of ScaleTrol PDC9371 are shown on the Material Safety Data Sheet (MSDS), a copy of which is available on request.

Packaging Information

ScaleTrol PDC9371 is a liquid and is supplied in a wide variety of containers and delivery methods.

Your GE representative can provide details of containers and delivery method information.

Storage and Handling

Protect from freezing. If product is frozen during shipment or storage, some mixing may be required to ensure homogeneity.

Safety Precautions

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



LENNTECH

info@lennotech.com Tel. +31-152-610-900
www.lennotech.com Fax. +31-152-616-289