

CHLOREXSM The Corrosion Buster

Break the Chloride Corrosion Cycle in Your Reformer

Most refiners tolerate hydrochloric acid contamination in reformer reactor products. They put up with it until the recycle compressor is corroded, the stabilizer is plugged, the distillation trays and other carbon steel parts are damaged, and the unit has to be shut down for cleaning, repairs or both. Then the cycle begins again.

Special metallurgy, chemical inhibitors and modified operating conditions seldom solve the problem. These stop-gap measures are now obsolete—thanks to the latest application of Merichem's patented FIBER-FILM™ technology.

With a single add-on vessel treating the stabilizer feed, the CHLOREXSM process eliminates HCl corrosion and both ammonium and ferric chloride plugging of column internals and the reboiler.

The bottom line: CHLOREX gives you better fractionation of LPG and gasoline, while saving money and downtime. According to one refiner, installing the CHLOREX process has saved

15% in capital costs and nearly 30% per year in operating costs. Treating costs can be as low as \$0.007 per barrel of throughput.

CHLOREX technology is at work today in reformer units around the world. This unique process can also eliminate HCl corrosion in the reformer off-gas stream.

Call today for a no-obligation consultation. We'll show you how CHLOREX can break up the vicious circle of chloride corrosion in your refinery.

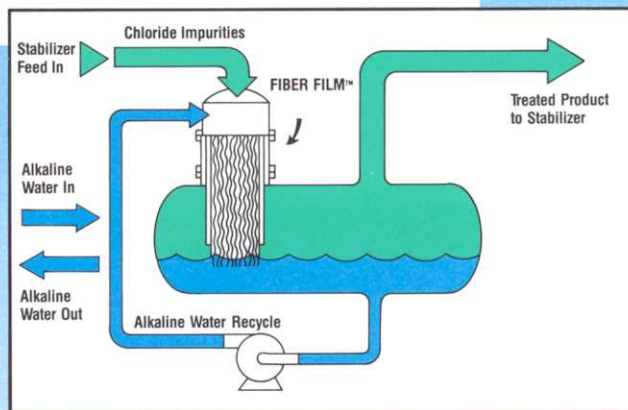
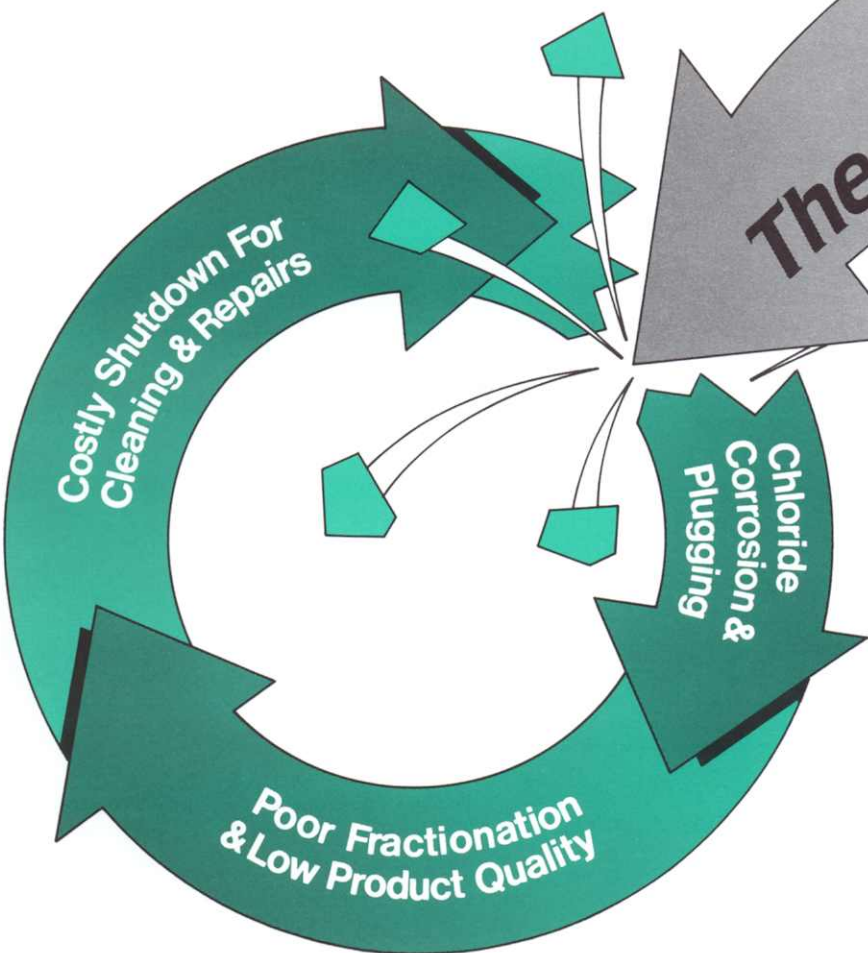
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Chloride contaminated product in — clean product out. CHLOREXSM is based on Merichem Company's patented FIBER-FILM™ technology. Packed with proprietary corrosion-resistant metal fibers, the FIBER-FILM Contactor provides a huge surface area for enhanced liquid/liquid contact between the hydrocarbon phase (green) and the aqueous phase (blue). The result is more efficient mass transfer without aqueous phase entrainment. Separation is quick and complete, requiring extremely short residence times.

Representatives worldwide with offices in Argentina, Australia, Chile, Colombia, Ecuador, Egypt, France, Germany, Greece, Hong Kong, India, Indonesia, Italy, Japan, Korea, Malaysia, Mexico, Norway, Peru, Philippines, Saudi Arabia, Singapore, Spain, Taiwan, Thailand, United Kingdom and Venezuela.