

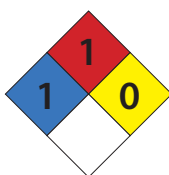


FQE[®] Solvent-H⁺

PATENTED

Features and benefits

- Restores the efficiency of process equipment
- Recovers valuable oil product as a reusable good
- Virtually no waste is generated
- Dissolves and disperses heavy sludges, asphaltenes, waxes, and paraffin's
- Disperses asphaltenes and waxes
- Hydrocarbon solids remain in uniform liquid allowing treated material to be reintroduced into refinery operations



Refer to SDS for more detailed information

Industry-leading solvent, dispersant, and anti-foulant utilized for both online and offline cleaning of heavy hydrocarbons in process equipment to significantly enhance performance.

Product overview

FQE[®] Solvent-H+ offers unsurpassed performance in dissolving and preventing solid hydrocarbon deposits that are found in heat exchangers, vacuum tower bottoms, coker fractionator bottoms, oil storage tanks, and other hydrocarbon processing equipment. The formulation has a long-demonstrated history to be compatible with refinery operations for online use and will not harm refinery catalyst activity. Solvent-H+ is non-corrosive to steels as well as soft metals.

Application methods

Liquid – FQE Solvent-H+ can be used as a liquid in cascading process towers, circulating through heat exchangers, for tank cleaning, and in vats for heavy hydrocarbon deposit removal. Solvent H+ is generally diluted with client-supplied diluent/cutter stock at a ratio of 3 – 20% product depending on use application and quantity of foulant.

The product can also be used as a liquid in a hand sprayer to pre-treat heat exchangers before mechanical cleaning or to clean surfaces such as pump slabs or small parts such as pump cases; in these applications, the product is generally applied neat. The product is totally hydrocarbon-based, which allows the resultant solution to be re-run within a refinery to alleviate waste.

Vapor – FQE Solvent-H+ can be added to steam where the steam is used as a heat source and as a carrier. This application is effective in cleaning heat exchangers, both shell and tube sides, and for process equipment being brought offline such as towers, piping, etc.



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