

SCALESOLV

Product Description: Scalesolv is a concentrated liquid formulation of hydrochloric acid. Scalesolv may be used to remove hard water scales and other residues from heat exchangers and condensers.

Application Instructions:

- 1) For the isolated cleaning of heat exchangers or condensers in a cooling system, the equipment should be isolated and connected to a recirculating loop containing a circulating pump and holding tank (an open 55 gallon drum will work).
- 2) Fill the holding tank approximately two-thirds full with water. It is necessary to leave room in the tank for foaming generated by the dissolution of calcium carbonate.
- 3) Add approximately one gallon of SCALESOLV per 1,000 gallons in the circulating loop to the holding tank. Check the pH. The pH should be between 4.0 to 5.5.
- 4) Begin circulating the solution through the loop.
- 5) Periodically measure the pH of the recirculating water to insure the proper pH range of 4.0 to 5.5. If the pH rises above 5.5, add additional SCALESOLV to drop it back into the desired range.
- 6) After several additions, the pH of the circulating water will no longer rise, but will stabilize. This is an indication that the scale material has been consumed.
- 7) At this point, it is recommended that the water be circulated for an additional 10 minutes. Then recheck the pH of the circulating water. If no rise is noted, the system may be flushed.
- 8) If the pH does rise during the 10-minute waiting period, then there may be additional scale material in the system. Resume additional feed of SCALESOLV and monitor for pH stabilization. Once the pH is stabilized, proceed as described above.
- 9) Drain the cleaning solution from the loop. The cleaning solution should be disposed of in accordance with all Federal, State, and Local regulations.
- 10) Fill the holding tank with fresh water. Circulate through the loop for 10-15 minutes. Drain the loop as thoroughly as possible.
- 11) Refill with system makeup water and resume normal operation.