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# COLCLEAN SP 28-F

TECHNICAL DATA  
03-24-2022

## COLCLEAN SP 28-F ALKALINE SPRAY CLEANER

COLCLEAN SP 28-F is a heavy-duty detergent formulated to remove a wide variety of soils from ferrous metals in spray applications.

COLCLEAN SP 28-F contains a blend of alkaline salts, sequestrants, and surfactants.

### OPERATING PARAMETERS

Concentration: 1 - 10 opg  
Temperature: 120 - 180° F  
Time of Exposure: 1 - 3 minutes

Adjust these conditions as required to provide optimum results.

### ANALYTICAL PROCEDURE

1. Pipette 10 mLs of working COLCLEAN SP 28-F cleaner solution into Erlenmeyer flask.
2. Add 5 drops of phenolphthalein indicator.
3. Titrate with 0.1N Sulfuric Acid from pink to a colorless endpoint.
4. Number of mLs of 0.1N Sulfuric Acid x 0.48 = ounce/gallon of the COLCLEAN SP 28-F cleaner.  
(opg X 7.5 = g/L)

### HANDLING & STORAGE

Columbia Chemical recommends referring to the specific product Safety Data Sheets for safety, handling, and storage precautions.

### NON-WARRANTY

The data contained in this bulletin is believed by Columbia Chemical Corp. to be accurate, true, and complete. Since, however, final methods of use of this product are in the hands of the customer and beyond our control, we cannot guarantee that the customer will obtain the results described in this bulletin, nor can we assume responsibility of the use of this product by the customer in any process which may infringe the patents of third parties.