



Product Information Flyer

DESCRIPTION

CIMCLEAN 40 is a multipurpose cleaner. It is an effective system cleaner for individual and central system clean out.

APPLICATION

CIMCLEAN 40 is recommended for cleaning individual machine and central system reservoirs, metalworking fluid lines, premix tanks, machines and parts. It effectively removes bio-films, dirt, grit, chip-deposits, insoluble soaps and oils from central systems and individual machine sumps. CIMCLEAN 40 contains corrosion inhibitors to protect machines and parts from rusting during the cleaning process. It is intended for use in systems working non-ferrous metals.

METHOD OF APPLICATION

CIMCLEAN 40 can be used in three ways, all of which are effective:

1. As a cleaner: Drain used metalworking fluid and charge system with 2% CIMCLEAN 40 (mix one part CIMCLEAN 40 with 50 parts water). Fill reservoir as full as possible so the mixture contacts all surfaces. Circulate for at least 2-4 hours through all lines and machine tools (does not cause rust), drain, rinse and recharge with a fresh CIMCOOL[®] product.
2. With used fluid during shutdown: After production ceases, add one gallon of CIMCLEAN 40 concentrate to each 50 gallons of dirty fluid (2%) in the machine reservoir or central system. Circulate the mixture for four hours or longer through all lines and machine tools. Drain, rinse and recharge with a fresh CIMCOOL[®] product.
3. With used fluid during production: Not recommended for individual machines unless carefully supervised. During production add one gallon of CIMCLEAN 40 to each 100 gallons of dirty fluid (1%) in the machine reservoir or central system. Circulate the mixture for 4 - 8 hours through all lines and machine tools. Drain, rinse and recharge with a fresh CIMCOOL[®] product.

RECOMMENDED STARTING DILUTIONS

CIMCLEAN 40 is to be mixed with water for use. Always add concentrate to water. Fluid may be more difficult to mix when water temperature is below 55F (13 C). Add no other materials to the concentrate or mix unless approved by your CIMCOOL® District Manager.

System cleaning 2%- 4% (1:50-1:25)

CONCENTRATION

A Total Alkalinity titration, CIMCHEK™ Test Strip or Refractometer can be used.

The Refractometer Factor is 3.7.

Multiply the scale reading obtained on your CIMCOOL® Refractometer by this factor to obtain the mix concentration in percent. Calibrate the refractometer so that it reads 0.0 with water before testing the sample mix. Remove gross contaminants from the sample mixes before testing. A refractometer is only recommended for use in checking the concentration of a fresh charge.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Solubility in water: 100% miscible

Viscosity (SUS) @ 100°F: NA

pH Concentrate: 11.6

Total Chlorine/Chloride, wt%: 0/50ppm

Silicones: None

Appearance and Odor: Clear/Chemical

Weight, lb/gal, 60°F (15.6 °C): 8.6

Flash Point /Sp.Gr./Boiling Point: SEE MSDS

pH Mix 5%, Typical Operating: 10.5

Total Sulfur, wt%: 0.05

HANDLING AND STORAGE

If frozen, product separates. Thaw completely at room temperature and stir thoroughly before use. Inside storage is recommended.

SAFETY DATA SHEET

Available at www.cimcool.com

For additional information refer to its OSHA MSDS, website or contact your local CIMCOOL TECHNICAL SPECIALIST OR DISTRICT MANAGER, or you may contact CIMCOOL® Technical Services at 1-513-458-8199.

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