



PRODUCTION CLEANERS

APPLICATIONS

CIMCLEAN® HA492 is an alkaline cleaning compound designed specifically for use in removing machining coolants, drawing compounds and oils from aluminum, steel, brass or galvanized surfaces in high pressure spray washers. HA492 can also be used in dip or soak operations.

FEATURES & BENEFITS

- **CIMCLEAN® HA492** will not cause pitting, corrosion or staining on roughcast or machined aluminum surfaces. Aluminum test pieces soaked in 2% solutions of this material remained bright and corrosion-free over a period of a month. HA492 protects iron and steel from rusting without the addition of supplemental corrosion inhibitors.
- **CIMCLEAN® HA492** can be used at temperatures ranging from ambient to near boiling in spray or dip operations. The usual recommended operating concentration for this product is 2% to 3% in water for spray operations. Lower concentrations can be used for removing light soils and machining coolants, while higher concentrations are sometimes necessary for difficult to remove heavy oils and greases. Concentrations of 2% to 3% are recommended when iron or steel parts are being washed to ensure adequate rust protection. Higher concentrations of HA492, ranging from 5% to 10%, are sometimes required in dip or soak tank washers.
- **CIMCLEAN® HA492** responds readily to conventional waste treatment procedures, and contains no toxic ingredients. This product is, however, an alkaline corrosive material and proper precautions should be taken in handling.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear
Odor: Chemical
Specific Gravity: 1.16
Density (pounds per gallon): 9.66
pH, concentrate: 12.6
pH, Use Dilution (2% - 10%): 11.1
Packaging: Available in 5 gal. pails, 55 gallon drums and bulk containers

Add no other substances to the concentrate or mix unless approved by CIMCOOL® Technical Services. For additional information concerning this CIMCLEAN® product, refer to its OSHA MSDS or contact CIMCOOL® Technical Services at 1-513-458-8199.

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