



PRODUCTION CLEANERS

APPLICATIONS

CIMCLEAN® HA490 is an alkaline cleaning compound designed specifically for use in cleaning machining coolants, drawing compounds and oils for aluminum, steel, brass or galvanized surfaces in high-pressure spray washers. CIMCLEAN® HA490 can also be used in dip or soak operations.

FEATURES & BENEFITS

- CIMCLEAN® HA490 will not cause pitting, corrosion or staining on rough cast or machined aluminum surfaces
- Galvanized sheet is not affected by CIMCLEAN® HA490, nor is brass or copper
- CIMCLEAN® HA490 protects iron and steel from rusting without the addition of supplemental corrosion inhibitors
- CIMCLEAN® HA490 is intended primarily for use in high pressure spray washers operating at ambient temperature, but can also be used at elevated temperatures - The typical use dilution is 2 - 3% for high pressure spray washers
- CIMCLEAN® HA490 is a non-foaming, oil rejecting cleaner
- Conventional waste treatment procedures can be used (Note: Alkaline corrosive material; Proper precautions required for handling)

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear
Odor: Chemical
Specific Gravity: 1.19
Density (pounds per gallon): 9.93
pH, concentrate: 12.5
pH, use dilutions: 10.3
Use Dilution (by volume): 2 - 10%
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.

CIMCLEAN® HA490 is an alkaline, corrosive material and proper precautions should be taken in handling. As with any chemical, we recommend the wearing of safety glasses and rubber gloves when handling (see the MSDS for further information).

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