



### Application

Cimclean PC340-02 is an alkaline cleaning compound designed specifically for use in cleaning machining coolants, drawing compounds and oils from aluminum, steel, brass or galvanized surfaces in high pressure spray washers. Cimclean PC340-02 can also be used in dip or soak operations.

### Features and benefits

Cimclean PC340-02 will not cause pitting, corrosion or staining on rough cast 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. Galvanized sheet is not affected by Cimclean PC340-02, nor is brass or copper. Cimclean PC340-02 protects iron and steel from rusting without the addition of supplemental corrosion inhibitors.

Cimclean PC340-02 is intended primarily for use in high-pressure spray washers operating at ambient temperatures, but can also be used at elevated temperatures. Cimclean PC340-02 is a non-foaming oil rejecting cleaner. The usual recommended operating concentration for this product is 2% in water. Lower concentrations can be used for removing light soils and machining coolants, while higher concentrations are sometimes necessary for difficult heavy oils and greases. Concentrations of 2% to 3% are recommended when iron or steel parts are being washed to insure adequate rust protection. Higher concentrations of Cimclean PC340-02, ranging from 5% to 10%, are sometimes required in dip or soak tank washers.

Cimclean PC340-02 responds readily to conventional waste treatment procedures. This product is an alkaline corrosive material and proper precautions should be taken in handling.

### Physical and chemical properties

Appearance:	Clear liquid
Odor:	None
Density:	1.115
pH (concentrate):	13
pH (operating):	11.8
Foam characteristics:	Very low foam

## Methods of application

Cimclean PC340-02 is easy to mix, normal stirring only. For automatic mixing, the use of the Cimcool® Mix Master or Cimcool Mix Master S is recommended. Product is also suited for dosing via conductivity. Typical starting water temperature conditions should be 5 - 25°C.

## Recommended starting concentration

General cleaning applications	2,5%
To insure adequate corrosion control	2-3%
Dip or soak tank washers	5-10%

Mix Master S: Concentration\*\* can easily be obtained by setting the regulator to the correct number.

\*\* The concentration may vary depending on local conditions. It is therefore always advised to check using the refractometer or TA Kit.

## Concentration analysis

For concentration analysis, use one of the below given methods or an appropriate laboratory procedure available from your local stockist.

Refractometer factor: 4.3

If the refractometer is used, the resultant reading multiplied by a factor of 4.3 will only be relevant when applied to a fresh mix.

Cimcool TA kit	Use 1 ml. Mix										*: next syringe
%	1	2	3	4	5	6	7	8	9	10	
Reading	0.80	0.65	0.50	0.35	0.20	0.05	*.90	*.75	*.60	*.45	

## Handling and storage

Protect from freezing, direct sun and store between 5 - 35°C.

## Packaging type

5, 25, 200, 1000 litre

## Safety Data Sheet

The Safety Data Sheet should be consulted for specific information and information on Health, Safety and Environment when handling this product.



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