



Application

Cimclean PC230 is a liquid cleaning compound containing a high level of corrosion inhibitors. It is intended primarily for use in removing coolants, machining fluids and honing oils from ferrous and non-ferrous metal surfaces using (high pressure) spray washers.

Features and benefits

Cimclean PC230 is a non-foaming cleaner. It has been shown to defoam washers contaminated with foaming metal working coolants. Cimclean PC230 solutions reject oil leading to enhanced washer cleanliness and extended bath life.

Cimclean PC230 chemically impart ferrous and non-ferrous metal surfaces without leaving a visible or tacky film, therefore Cimclean PC230 doesn't interfere with gauging.

Cimclean PC230 is mildly alkaline, the concentrate having a pH of 9.9. The product is intended for use at concentrations of 1% to 4% by volume, and the pH of working solutions is in the range of 9.0 to 9.5.

Cimclean PC230 is designed to be effective in ferrous and non-ferrous washers operating at ambient temperatures and is immediately and completely soluble in cold water. Solutions are not affected by heat and will neither break down nor lose corrosion protection properties in washers operated at elevated temperatures.

Cimclean PC230 is readily waste treatable.

Physical and chemical properties

Appearance:	Clear liquid
Odor:	Mild
Density:	1.15
pH (concentrate):	9.9
pH (operating):	9-9.5
Flash point:	none

Methods of application

Cimclean PC 230 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 ferrous and non-ferrous cleaning applications	1 – 4%
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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: 3.3

If the refractometer is used, the resultant reading multiplied by a factor of 3.3 will only be relevant when applied to a fresh mix.

Cimcool TA kit	Use 2 ml. Mix										*: next syringe
%	1	2	3	4	5	6	7	8	9	10	
Reading	0.77	0.59	0.41	0.23	0.05	*0.87	*0.69	*0.52	*0.34	*0.16	

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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