



Application

Cimclean PC 240 is a liquid cleaning compound and corrosion inhibitor designed for use in high-pressure production spray washers. It is intended primarily for use in the removal of coolants, machining fluids and honing oils from machined metal surfaces.

Features and benefits

Cimclean PC 240 has broad corrosion-inhibiting characteristics. It will provide corrosion protection to ferrous and non-ferrous metals. In addition to preventing rust on cast iron and steel, it's extremely effective in the prevention of corrosion and staining on aluminum. Aluminum parts left in contact with Cimclean PC 240 will not darken. This property makes Cimclean PC 240 especially suited for use in washing aluminum engine blocks and heads and aluminum transmission parts and cases. Cimclean PC 240 also prevents the corrosion of brass and bronze, both on parts and in washer components. Cimclean PC 240 is a non-foaming cleaner. It can defoam washers contaminated with some foaming metal working coolants. Cimclean PC 240 solutions reject oil, leading to enhanced washer cleanliness and extended solution life. Cimclean PC 240 leaves a soft, liquid residue upon evaporation. Surfaces washed with Cimclean PC 240 will not show water-spotting after drying. Cimclean PC 240 is mildly alkaline, the concentrate having a pH of 10.4. This product is intended for use at concentrations of 2% to 3% by volume, and the pH of working solutions is in the range of 9 to 9.5. Cimclean PC 240 is designed to be effective in washers operating at ambient temperatures and is immediately and completely soluble in cold water. Solutions are heat stable and will neither break down nor lose corrosion protection properties in washers operated at elevated temperatures.

Cimclean PC 240 is readily waste treatable, It is phosphate-free and contains no silicates or chelating agents. It is not corrosive or combustible and requires only normal care in storage, handling and use.

Physical and chemical properties

Appearance:	Clear liquid
Odor:	Mild, not offensive
Density:	1.084
pH (concentrate):	10.4
pH (operating):	9-9.5
Flash point:	None

Methods of application

Cimclean PC 240 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 – 3%
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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: 2.5

If the refractometer is used, the resultant reading multiplied by a factor of 2.5 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	0.81	0.71	0.61	0.51	0.41	0.31	0.22	0.12	0.02	*.92	

Handling and storage

Protect from freezing, direct sun and store between 5 - 30°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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