

CIMCLEAN® PC31-211

Water miscible system cleaner



Application

Cimclean PC31-211 is an inorganic salts free liquid detergent and corrosion inhibitor designed for use in high pressure spray washers. Cimclean PC31-211 leaves no solid residues which can interfere with electronic gauging operations and visual checks.

Features and benefits

Cimclean PC31-211 is normally used in high-pressure spray washers at a concentration of 2% to 3% by volume. Under these conditions, Cimclean PC31-211 will readily remove coolants and machining and honing oils, and will not foam. Solutions of Cimclean PC31-211 reject oil, leading to enhanced washer cleanliness and extended solution life. Adequate rust protection for normal in-plant storage and processing is provided. Cimclean PC31-211 can be used at elevated temperatures and higher concentrations if necessary for enhanced cleaning and corrosion protection.

Cimclean PC31-211 contains no boron, no phosphates or other inorganic salts, and contains no chelating agents or dyes, which can interfere with waste treatment or parts hardening.

Physical and chemical properties

Appearance:	Clear Liquid
Odor:	Mild amine
Density:	1,047
pH (concentrate):	11,0
pH (operating):	10,8

Methods of application

Cimclean PC31-211 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%
Enhanced cleaning and corrosion control	3 - 5 %

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: 2.2

If the refractometer is used, the resultant reading multiplied by a factor of 2.2 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	0.71	0.44	0.16	*.89	*.61	*.34	*.06	** .79	** .51	** .24

Handling and storage

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

Packaging type

200 and 1.000 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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