



Surface Technologies

Technical Process Bulletin

P3-ferrocid® 8591

Biocide for cooling and process water systems-Sanitizer for ions exchangers, UF or OI membranes,-Deodoriser for waste water.

Principal Applications:	P3-ferrocid 8591 is a rapid acting biocide for industrial recirculating water systems, usable as sanitizer and cleaner in a lot of water systems as well.(UF membranes , resins of softeners or demineralisers). P3-ferrocid 8591 is efficient on bad fumes in waste water plants , paint cabs a.s.o.
General Description:	P3-ferrocid 8591 is a liquid product based on inorganic peroxide. The product is non-volatile and non-inflammable. However, any contact of P3-ferrocid 8591 to inflammable substances must be avoided.
Appearance:	clear, colourless liquid
pH(10g/l solution,20°C)	3,3 +/- 0,5
Density (20°C/68°F):	1.14 ± 0.02 g/cm ³
Shelf life	6 months , packaging closed

Effect on Environment: P3-ferrocid 8591 decomposes in the cooling systems, into , organic compound water and oxygen.

Residual amounts of product in blowdown water cause no harm in biological sewage plants.

For further information please see material safety data sheet.

Dosage: In recirculated cooling water, the treatment depends on degree of contamination, on existing nutritive substances, type of microbiological deposits, temperature, holding time index and should be selected with the help of a Henkel-representative.

As shock dosage for a biocide effect ,the product concentration range in the recirculation water is generally between 100 and 500 g/m³.
As sanitizer , we recommend to use P3-ferrocid 8591 between 500 and 2,000 g/m³ , depending on the application,contamination of surfaces and the presence of biomass .

Handling precautions: For information please see material safety data sheet.

Application: P3-ferrocid 8591 must be added undiluted. Feeding is recommended to be done as a shock treatment.

The product should preferably be added at or before a point of high mixing intensity in the system.

P3-ferrocid 8591 is recommended only for industrial use.

Attention: Use biocides safely. Always read the label and product information before use.

Storage: Store in a cool and dry place in closed original container.

Due to a possible vehement decomposition of the product any material that has been taken out should not be poured back into the original container.

The expiry date of the product is given on the packaging labels.

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