

FEROSEPT 777

Biocide

FEROSEPT 777 is a highly efficient bactericide with excellent long-term bacteria inhibition.

FEROSEPT 777 is used for preserving aqueous solutions and emulsions in order to prevent the growth of micro organisms. Furthermore, the pH-value of the fluid is increased up to about pH 9 by adding **FEROSEPT 777**.

FEROSEPT 777 is based on a formaldehyde depot agent, i.e. because of very small amounts of formaldehyde being released, bacteria are effectively eliminated. Due to the depot agent, a long-term biocidal effect is achieved. At the same time a primary amine is released, which stabilizes the pH-value of aqueous process fluids and inhibits the formation of nitrosamines in case of increased nitrite concentration.

The recommended concentration of **FEROSEPT 777** is 0.1 - 0.2 % (1 - 2 l per 1000 litres of emulsion).

Due to a destabilization in the low pH-range, **FEROSEPT 777** should not be applied below a pH of 8.5. In case of a lower pH than 8.4, the pH should be increased by first adding coolant concentrate or alkalinity improver. Due to a destabilization at elevated temperature, the product should not or only cautiously after consultation of the Petrofer-Laboratory be applied at temperatures higher than 50°C.

If used correctly and in the recommended concentration range, **FEROSEPT 777** does not cause any skin irritations.

Chemical and physical data:

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|-----------------|------------|----------------------------------|
| Density/20°C | DIN 51 757 | : approx. 1.09 g/cm ³ |
| Pourpoint | ISO 3 016 | : 0°C |
| PH-value, 0.2 % | DIN 51 369 | : approx. 10 |

Handling and storage:

FEROSEPT 777 should not be exposed to extremes of temperature.
Recommend storage temperature: 10°C - 30°C.

Only valid in combination with EC-Safety-Data-Sheet.

Warranty

The information given here is considered to be correct and is offered for your consideration, investigation and verification. No warranties are expressed or implied since the use of our products is beyond our control. Statements concerning the use of PETROFER products are not to be construed as recommending the infringement of any patent.

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