

FEROCLEAN A 185

INDUSTRIAL CLEANER, SUITABLE FOR HIGH PRESSURE SPRAY CLEANING

DESCRIPTION

FEROCLEAN A 185 is a water-soluble, salt-free cleaner with excellent demulsifying properties, it is suitable for cleaning operations in mechanical production and heat treatment processes. It is recommended for cast iron and steel components. Prior to use on yellow metals and aluminium surfaces, spot testing for staining should be done. Our Technical Support Team is pleased to advise you.

FEROCLEAN A 185 contains ionic and non-ionic surfactants, rust preventive additives and inhibitors.

FEROCLEAN A 185 is used for cleaning and degreasing of components in spraying, dipping and ultrasonic processes. In spray-washing systems the product works foam-free from 50 °C and pressure up to 1000 bar can be applied. It does not leave any diffusion-inhibiting layers and is suitable for cleaning prior to heat treatment. The demulsifying properties make it especially suitable for cleaning parts after machining operations using emulsion type coolants.

For preparing the cleaning solution we recommend heating the water to working temperature before adding the concentrate to a well agitated area of the system. For optimum performance and spot free drying we recommend using demineralized water. Typical concentrations are 1 - 5 %, with an operating temperature in the range of 45 - 70 °C.

BENEFITS

- Salt-free, demulsifying neutral cleaner
- For high pressure applications
- Foam-free from 50 °C
- Leaves no diffusion-inhibiting layers so suitable for pre-heat treatment cleaning

APPROVALS

- Hammelmann Pumps with packed gaskets
- ABB Robotics
- KUKA Robotics
- Corpac Deutschland GmbH
- SensAction AG
- SITA Messtechnik
- EXCOR VCI products
- INTERCEPT Technology (PE-LD)
- Fulfills DBL 6575, suppl. 5

PHYSICAL DATA

| | |
|---|---------------------------------|
| Appearance/20 °C (visual) | clear, light yellow liquid |
| Density/20 °C (DIN 51659-2) | approx. 1.036 g/cm ³ |
| pH value/20 °C (DIN 51369) 3 % in DI-water | approx. 10.3 |

FACTORS FOR THE DETERMINATION OF CONCENTRATION

(concentration [%] = consumption ml hydrochloric acid x factor):

- Titration of a 10 ml sample with 0.1 N HCl up to pH 4, factor: 0.24
- Titration of a 10 ml sample with 0.5 N HCl with methyl orange from yellow to red, factor 1.20
- Titration of a 50 ml sample with 0.5 N HCl with methyl orange from yellow to red, factor 0.24
- Titration of a 10 ml sample with 0.1 N HCl with bromocresol green from blue to yellow, factor 0.24
- Refractometer factor: 2.4 (concentration [%] = reading x factor)

STORAGE

FEROCLEAN A 185 must be stored in a frost free environment, ideally above 5 °C. Always observe the use by date on containers.

Only valid in combination with EC Safety Data Sheet

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.