



Microclean 21 RP

Low Foaming Process Cleaner – Ferrous Metals – Enhanced Corrosion Protection

Product Description

Microclean 21RP is a low foaming aqueous process cleaner/degreaser specially designed to remove heavy grease and oil where a solvent free product is desirable. The product is suitable for use in hard and soft water qualities and contains higher levels of corrosion inhibitors providing a degree of short-term corrosion protection in between operations. Microclean 21RP is a very low odour solution providing an improved working environment compared to many solvent-based fluids.

Features & Benefits

- Low foam characteristics ~ Ideal for automated systems
- Silicate free ~ Reduces deposits on wash plant
- Corrosion inhibitors ~ Protects ferrous components and wash plant

Applications

Microclean 21RP is primarily recommended for use in large tunnel and rotary wash systems operating at high volumes and temperatures where a low foaming product is required. Due to the inclusion of sophisticated corrosion inhibitors, Microclean 21RP is particularly well suited for the cleaning of cast iron, grey iron and other ferrous materials prone to flash rusting when using conventional aqueous cleaners.

The product may also be used in other industrial cleaning applications including ultrasonic cleaning baths and automated tray wash systems. Microclean 21RP may be used at normal ambient temperatures although maximum efficiency and low foam properties will be achieved if the product is warmed. Improved short term corrosion protection can be achieved in systems operating at 75°C along with reduced component drying time.

Recommended Use

Concentration Range	Operating Temperature °C	Water Range ppm CaCO ₃
3 ~ 5%	65 ~ 75	0 ~ 400

Microclean CIC may also be used at much higher concentrations of around 50% to remove light corrosion on Cast iron and mild steel.

Please note – Although Microclean 21RP offers improved corrosion protection compared to conventional aqueous cleaners, it is not a specific corrosion preventative. Parts susceptible to corrosion should be treated with a suitable product, such as those from our Rustguard & Microcore range of corrosion preventatives.



Certificate Number: 9480 ISO 9001



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PRODUCT DATA

Revision Date 12/24
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Product Code: HS0086

Typical Test Data

Appearance	Liquid
Colour	Clear
Odour	Characteristic
Density @ 20°C	1.098
pH	>11

Availability

Microclean 21RP is available in IBC (1000 litre), 205 litre barrels, and 25 litre drums.

Storage

Microclean 21RP should always be stored indoors and protected from extremes of temperature. Do not allow to freeze.

Health & Safety

Please refer to the relevant Safety Data Sheet, a copy of which is freely available to all our customers.

Data represented is typical of that obtained with normal production tolerances and does not constitute a specification. The policy of Pennine Lubricants is one of continual improvement, we therefore reserve the right to change specifications without notice.



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