

QUAKERCLEAN 830 BF

DESCRIPTION, OPERATION & MATERIALS

QUAKERCLEAN 830 BF is an alkaline industrial cleaner for the cleaning of parts after usage.

Compatible with most ferrous and non-ferrous metals, **QUAKERCLEAN 830 BF** can be applied in diverse systems, from simple wetting to high-pressure spraying on to machines such as HAFROY, BROCHOT, National Standard, TRITON and AGULLO.

- Concentration range: 3-5%, depending on the difficulty of operation.
- Waterhardness: 0-340 ppm (0-34° TH, 0-20° dH).

APPLICATIONS

	Cleaning method					Soil removed				
	Spray	High pressure	Immersion	Ultrasonic	Manual	Coolant	Oil residue	Grease	Wax	Rust
Steel	●	●			●	●	●	●		
Stainless steel	●	●				●	●	●		
High alloy steel	●	●				●	●	●		
Titanium	●	●				●	●	●		
Carbide	●	●				●	●	●		
Cast iron	●	●				●	●	●		
Copper alloys										
Aluminium alloys	●	●		●		●	●	●		
Zinc coated material										
Plastic										

The above information should only be used as a guide. In order to check the suitability for your particular application please consult a Quaker representative. The product should be used at a minimum of 3%.

BENEFITS

- Excellent reject of mineral oils which guarantees the cleaning performance of the machine.
- Phosphate free.
- Little foaming, even at high pressure.
- Low pH allowing a variety of uses.
- Excellent protection against corrosion: 1-3 weeks in between operations.
- Recyclable with ultrafiltration membranes (please consult our technical department).

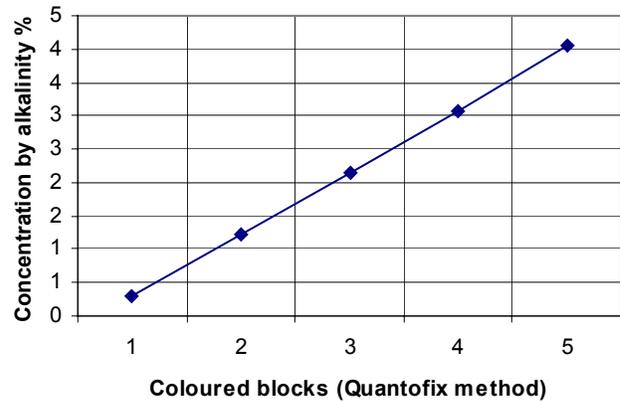
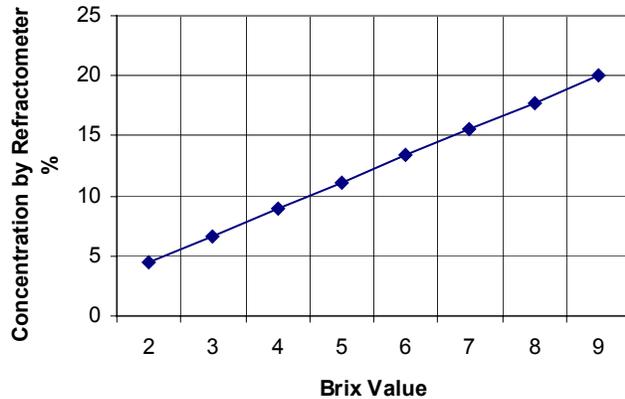
TYPICAL PROPERTIES - CONCENTRATE

<i>Property</i>	<i>Typical Value</i>	<i>Unit</i>
Appearance	Light yellow	[-]
Kinematic viscosity	7.2	[mm ² /s, 40° C]
Density	1,086	[kg/m ³ , 15° C]
Pour point	<4	[° C]

TYPICAL PROPERTIES - DILUTION

<i>Property</i>	<i>Typical Value</i>	<i>Unit</i>
Appearance	Clear water-like	[-]
pH (2% in DIN water)	10.6	[-]
Corrosion threshold	2.5	[%, DIN 51360 T2]
Alkalinity (pH = 5.0)	10.58	[ml 0.1 N HCl/%/25 ml]
Refractometer	2.22	[%/° Brix]

FLUID MAINTENANCE



STORAGE, SAFETY & DISPOSAL

Quaker Chemical can supply this quality product in drums, in containers and in bulk. Other packages can be made available by Quaker Chemical or by distributors upon request.

As with all metalworking products, **QUAKERCLEAN 830 BF** should be stored in dry conditions and protected from extreme temperatures: 4-40° C is the recommended storage temperature.

QUAKERCLEAN 830 BF is unlikely to present any significant health or safety hazard when used as recommended by Quaker Chemical. Good standards of personal and industrial hygiene are to be maintained by the user (see Material Safety Data Sheets).

In order to protect the environment, the product used should be safely disposed by a licensed contractor. The packaging material should be handled by a recognised reconditioning firm.

Prior to using this product, consult the Material Safety Data Sheet for instructions regarding safe handling and environmental issues. The information contained herein is based on data available to us and is believed to be accurate. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR TO BE IMPLIED, REGARDING THE ACCURACY OF THESE DATA. THE RESULTS TO BE OBTAINED FROM THE USE THEREOF, OR THE HAZARDS CONNECTED WITH THE USE OF THE PRODUCT. Quaker Chemical Corporation assumes no liability for any alleged ineffectiveness of the product or any injury or damage, direct or consequential, resulting from the use of this product unless such injury or damage is solely attributable to negligence on the part of Quaker Chemical Corporation.