



Techniclean MP Flex

Heavy duty, multi-purpose alkaline cleaner

Description

Castrol Techniclean MP Flex™ is an aqueous, alkaline industrial multi-purpose cleaner containing biodegradable surfactants and corrosion inhibitors. The product is free of strong complexing agents.

Application

Techniclean MP Flex is a versatile product, being suited to a very wide range of operations in production engineering, as well as being suitable for virtually all ferrous and non-ferrous metals.

Techniclean MP Flex can be used for:

- Industrial process cleaning in wide range of modern equipment, which includes spray and flood wash as well as dip and ultrasonic applications, capable of removing difficult soils, such as heavy duty neat cutting or forming oils, greasy and waxy corrosion preventive films, lubrication oils and greases, carbon as well as swarf and general workshop grime.
- Machine tool cleaning of central systems, individual sumps, and other contaminated areas of machine tools. It is suitable for use with all types of soluble metalworking fluids including synthetics. Added to the system on the day before the coolant is due to be discharged will ensure thorough cleaning by the time the entire coolant system is emptied the following day.
- General purpose maintenance cleaning on floors, walls and other hard surfaces.
- Mass vibratory finishing in conjunction with abrasive stones (MVF).

Conditions of Use

	Spray / Flood Wash	Dip / Ultrasonic	Maintenance cleaning & MVF
Concentration Range	up to 10%	up to 20%	0.5 - 2%
Temperature Range	up to 80°C / 176°F	up to 80°C / 176°F	ambient

Optimum conditions of use are depending on the detailed application requirements and the amount and nature of the soil being removed.

Advantages

- Strong, alkaline but multi-metal compatible cleaner, that does not affect suitably painted surfaces of machine tools, equipment, and industrial surfaces including cement and plastics
- Low foaming at ambient temperature, which allows for initial cold water start ups – economical, aids productivity at lower costs
- Free of strong complexing agents – does not harm subsequent waste water treatment
- Versatile, can be used in various applications and is suitable in hard and soft water – enables possible product consolidation

Typical Characteristics

Name	Method	Units	Value
Appearance	Visual	-	Clear brown liquid
Density @ 20°C/ 68°F	IP 160	g/ml	1.15
pH (2% solution)	BS 1647	-	12

User Advice

Techniclean MP Flex is suitable for multi-metal cleaning, however we recommend that yellow metals should be rinsed with clean water to remove any alkaline residues.

Storage

To avoid product deterioration always keep the container/drum tightly sealed. Store the product in a cool, dry place away from direct sunlight. Prevent exposure to frost and avoid water ingress. For optimum product stability, it is preferable to store the product indoors between 5°C and 45 °C / 41°F and 113°F.

For more details, please refer the product safety data sheet.

Techniclean MP Flex
12 Dec 2014

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Industrial, Technology Centre , Whitchurch Hill , Pangbourne , Reading , RG8 7QR , United Kingdom

www.castrol.com/industrial