

Product Data

Castrol CareClean MP

Multi-Purpose process cleaner

Description

Castrol CareClean™ MP is an aqueous, mildly alkaline industrial multi-purpose cleaner containing biodegradable surfactants and corrosion inhibitors.

Application

CareClean MP is a multi-purpose process cleaner for precision cleaning of most metals to the most demanding specifications in a wide range of modern equipment, which includes spray and intensive flood wash as well as all types of dip and ultrasonic applications. It is also proven to clean silicon wafers used within the solar energy industry.

CareClean MP effectively removes soluble oils, light duty neat cutting or forming oils, lubrication oils, soft film corrosion preventives, swarf and general dirt.

Conditions of Use

	Spray	Flood wash	Dip	Ultrasonic
Concentration Range:	2 - 5%	2 - 5%	3 - 6%	2 - 5%
Temperature Range:	60 - 80 °C 140 - 176 °F	60 - 80 °C 140 - 176 °F	40 - 80 °C 104 - 176 °F	40 - 70 °C 104 - 158 °F
Spray Pressure:	up to 3 bar up to 50 psi	up to 12 bar up to 200 psi	n/a n/a	n/a n/a

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

Advantages

- Leaves a temporary corrosion preventive film on the metal surface – minimises scrap rate which improves productivity
- Emulsified oil separates on standing and can be skimmed off in order to increase bath-life – reduces maintenance and disposal cost
- Biodegradable surfactant package – improves environmental profile
- Versatile, can be used in various applications on most metals and is suitable in hard and soft water – enables possible product consolidation

Typical Characteristics

	Test Method	Unit	Value
Appearance	Visual	-	Clear, bright pale to amber liquid
Density @ 15 °C	IP 160	kg/m ³	1100
Density @ 59 °F	IP 160	lb/gal	9.2
pH of concentrate	BS 1647	-	9.6
pH (2% solution)	BS 1647	-	9.4
Cast Iron Corrosion Test	IP 287	%	3

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