



Product Data

Techniclean™ SF

Multi-metal final spray wash process cleaner

Description

Castrol Techniclean™ SF is an aqueous, mildly alkaline industrial process cleaner containing biodegradable surfactants and corrosion inhibitors.

Application

Techniclean SF is designed for inter-operational and final cleaning operations of multi-metal parts and components, suitable for use in a wide range of industrial spray and intensive flood wash machines.

Techniclean SF is particularly recommended where corrosion protection during short-term storage is required.

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

Conditions of Use

Concentration Range:	0.5 - 5%
Temperature Range:	ambient to 80 °C
Spray Pressure Range:	300 bar (typical)

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

Depending on bath temperature and water quality higher spray pressures > 300 bar are possible.

Advantages

- Leaves a temporary corrosion preventive film on the metal surface – minimises scrap rate which improves productivity
- Good demulsifying properties, provides easy skimming and long bath life – reduces maintenance and disposal cost
- Low foaming at ambient temperature; allows for initial cold water start ups – economical, lowers energy cost
- Biodegradable surfactant package – improves environmental profile
- Versatile; multi-metal compatible and suitable in hard and soft water – enables possible product consolidation

Typical Characteristics

Description	Test Method	Unit	Value
Appearance of Concentrate	Visual	-	Clear, slight yellow to amber liquid
Density @ 15 °C	ASTM D4052	g/ml	1.07
pH (2% in DI-water)	ASTM E70-97	-	9.7
Total Alkalinity	In-house	mg KOH/g	10.4
Cast Iron Corrosion Protection @ 3%	IP 287	-	No stains

Subject to usual manufacturing tolerances.

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™ SF

16 Jun 2016

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. 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

<http://msdspds.castrol.com>