

# Techniclean™ BS 1

Solvent cleaner

## Description

Castrol Techniclean™ BS 1 (previously called CareClean™ BS 1) is a chlorine-free, low odour isoparaffin based solvent cleaner, containing highly effective coupling and wetting agents.

## Application

Techniclean BS 1 has been specifically developed as an alternative to chlorinated solvents, such as trichlorethane.

Techniclean BS 1 is primarily used for metal parts cleaning operations, such as removal of oily or greasy soils including certain kind of inks, maintenance of electrical engines (please refer to manufacturer recommendation regarding dielectric breakdown voltage) and single wash stands in maintenance workshops.

## Conditions of Use

### Dip and Ultrasonic Dip Tank

Components should be fully immersed in neat product. Contact time depends on soil severity.  
Recommended temperature range for use: ambient to 40°C

### Wipe Method

Product should be applied neat *via* hand held spray or brush and the surface is then wiped to a clean, dry finish.

## Advantages

- Chlorine free which may help you to fulfill aspects of legislative requirements and waste treatment requirements that specify that this chemical is excluded.
- Good operator acceptance as based on a mild odour isoparaffin solvent.
- Multi material compatibility.
- Specifically designed to clean off sticky, greasy or fatty residues such as greases, oils and waxes even after temperature exposure.
- Fast drying, residue-free finish which helps to increase productivity and to minimise scrap rate.
- Cost effective: low consumption due to lower evaporation rate vs. chlorinated solvent.

## Typical Characteristics

Description	Test Method	Unit	Value
Appearance	Visual	-	Clear, colourless to light yellow liquid
Density @15 °C	ISO 12185 / ASTM D4052	g/ml	0.79
Flash Point, PMCC	ISO 2719 / ASTM D93	°C	66
Drying Time @ 20 °C	In-house	min	20 - 30

Subject to usual manufacturing tolerances.

## User Advice

### General cautions:

Techniclean BS 1 shall only be used in electrical equipment that has been explosion proofed (motors, pumps, switches).

Techniclean BS 1 is not suitable for use in vapour degreasing equipments.

Techniclean BS 1 is not suitable for use on most organic surfaces.

## 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.

**This product was previously called CareClean BS 1. The name was changed in 2015.**

Techniclean™ BS 1

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