

CareClean AS 1

Hydrocarbon solvent cleaner

Description

Castrol CareClean™ AS 1 is a fast drying, low viscosity, chlorine-free and mild odour isoparaffin based solvent cleaner. It has good solvency power and is compatible with all metal and non-metal substrates.

Application

CareClean AS 1 has been developed specifically as an alternative to chlorinated as well as traditional high aromatic hydrocarbon solvent cleaners.

CareClean AS 1 delivers excellent solvency for mineral oils, fats, greases and other non-polar soils typically found in industrial manufacturing. It is particularly recommended when contact of the parts with water is not desired.

Conditions of Use

CareClean AS 1 can be used in different applications – either manually or in automated equipment:

Dip and Ultrasonic Dip Tank

Components should be fully immersed in neat product. Contact time depends on soil severity.

Fully sealed Vapour Degreasing Equipment under low pressure

Product is suitable for use in closed hydrocarbon vapour degreasing equipment.

For safety reasons it must not be used in open vapour degreasing systems!

Wipe Method

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

Recommended temperature range for use: ambient to 40°C max.

Advantages

- Chlorine free which may help you to fulfill aspects of legislative requirements and waste treatment requirements that specify that this chemical is excluded
- Fluid based on a mild odour isoparaffin solvent with low aromatic content
- Low surface tension and viscosity allow the fluid to penetrate into difficult to reach areas to improve part cleanliness
- Fast drying, residue-free finish which helps to increase productivity and to minimise scrap rate
- No waste water is produced in the cleaning process and the solvent can be recycled through distillation

Typical Characteristics

| Description | Test Method | Unit | Value |
|-----------------------------|-------------|--------------------|-------------------------|
| Appearance | Visual | - | Clear, colourless fluid |
| Density @ 15 °C | ISO 12185 | g/ml | 0.76 |
| Initial Boiling Point | ASTM D86 | °C | 181 |
| Dry Point | ASTM D86 | °C | 193 |
| Flash Point, PMCC | ASTM D93 | °C | 58 |
| Refractive Index @20 °C | NFT 60-212 | - | 1.425 |
| Aromatic Content | - | ppm | < 100 |
| Kinematic Viscosity @ 20 °C | ASTM D445 | mm ² /s | 1.5 |

Subject to usual manufacturing tolerances.

User Advice

May swell some rubber and plastics during long-term contact.

Should not be used for cleaning live electrical equipment.

It's not suitable for removing oxidized grease unless making use of mechanical support, such as brushing.

Additional Information

APPROVALS

- PSA: Z000151179
- Airbus: ASN42202

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.

CareClean AS 1
04 Feb 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. 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

<http://msdspds.castrol.com>