

**Product Data****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	mm²/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
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