

BONDERITE C-SO 102

Known as P3-solvclean 102
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PRODUCT DESCRIPTION

BONDERITE C-SO 102 provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Solvent Based Cleaner
Application	Parts Cleaning

BONDERITE C-SO 102 is a low viscous special oil, based on a highly refined aliphatic hydrocarbon mixture with corrosion protection properties.

Product Properties:

Due to the use of a special base oil, BONDERITE C-SO 102 provides a high wettability, a low surface tension and offers temporary corrosion protection. It dissolves grease, oil and dirt, and leaves a thin oily film. BONDERITE C-SO 102 is compatible with corrosion protection oils and cooling lubricants.

Application Areas:

- Dielectric cleaner.
- Typical applications include also component cleaning in electric motors.

TECHNICAL DATA

Appearance	colourless, clear liquid
Density at 15°C, g/cm ³ : (DIN 51757)	0.81
Viscosity, 20°C, mm ² /s (DIN 53015)	3.1
Flash Point (ASTM D 93), °C	~102
Ignition temperature, °C	>200
Vapour pressure at 20 °C, mbar	~10
Pour-point (DIN ISO 3016), °C	<-20
Dielectric strength, kV/2.5 mm (UNE EN 60156:97, average value)	63

DIRECTIONS FOR USE

Preliminary Statement:

Prior to use it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

Application:

BONDERITE C-SO 102 is used as cleaning and preservation fluid in industrial cleaning plants.

Due to its special properties it is also suited as fluid for ferro magnetic fissure testing and as support fluid for lapping powder and glass grinding.

BONDERITE C-SO 102 is also a grinding and honing oil for the general machining of iron and non ferrous metals. It is especially suited for processes which need good cooling and visual control of the working process.

BONDERITE C-SO 102 is used as a dielectric for spark erosive processing of electric conducting materials.

Other application fields are the die and mould construction, the processing of high precision parts for the cutting tool and appliance construction, as well as the manufacturing of micro perforations for the production of spinning, drawing and injection moulding nozzles.

Due to its specific properties BONDERITE C-SO 102 is also used for fine machining processes such as honing, finishing and super finishing.

Waste Water Treatment:

Water containing BONDERITE C-SO 102 must be treated in waste water plants according to the discharge regulations of the local authorities.

Classification:

Please refer to the corresponding **Material Safety Data**

Sheets for details on:

Hazards identification
Transport information
Regulatory information

Storage:

Recommended Storage Temperature, °C	0 to 40
Shelf-life, months (in unopened original packaging)	24

ADDITIONAL INFORMATION**Disclaimer**

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Reference 0.1