

### Scope

ARDROX 5503 is a clear, colourless, mobile liquid that is completely volatile.

ARDROX 5503 is intended for use as a general solvent cleaner for oils and greases. It may be used for a variety of cleaning tasks on all kinds of engineering components and assemblies. As the product is completely volatile a treated surface is left in a dry condition.

### Method of use

ARDROX 5503 may be used by any of the conventional methods such as spraying, dipping, brushing or swabbing. Soak tanks should be constructed with a lid in order to minimise solvent losses by evaporation. It is emphasised that when using dipping methods, grease and oil will go into solution and this will leave a film on the surface of components after evaporation of the solvent. This problem may be overcome by rinsing in a second tank of the product; when the soil concentration in the first tank becomes excessive its contents should be discarded, the less contaminated solvent in the second tank is then used for the first stage clean and the second tank filled with fresh ARDROX 5503 and used as the clean rinse.

### Effects on materials

When used in the prescribed manner ARDROX 5503 has no corrosive effect on the majority of metals, including copper, magnesium, aluminium, cadmium and mild steel, however, contamination with water or steam may result in corrosion and should therefore be prevented.

No significant effect is likely to be encountered on the most commonly used plastic materials or on high quality paint schemes but intending users are advised to check the compatibility of their materials with ARDROX 5503 before use. In addition, tests should be carried out to establish the suitability of ARDROX 5503 with any rubber components with which the product may come into contact since it may cause some rubbers, particularly those based on natural rubber, to swell after prolonged contact.

### Technical information

Appearance:	Clear, colourless, mobile liquid.
Density:	0.79 g/ml at 15°C.
Flash Point:	63°C (145°F) Pensky Martens Closed Cup.

These are typical values only and do not constitute a specification.

## **Equipment materials**

Mild steel is suitable for tank construction. The tank should be fitted with lids to prevent excessive loss by evaporation. Low velocity extraction should be fitted to the tank.

## **Storage requirements**

Store in a cool, dry place away from sources of heat.

## **Safety guidance**

Before operating the process described it is important that this complete document, together with any relevant Safety Data sheets, be read and understood.

## **General information**

Chemetall PLC supplies a wide range of chemical products and associated equipment for cleaning, sanitising, descaling, paint and carbon removal, metal protection and non-destructive testing. Sales Executives are available to advise on specific problems and applications.

## **Labour and environmental protection**

All local and national regulations on the transport, storage, use and waste treatment of chemicals in concentrated or diluted form and as working solutions must be obeyed.

Further specific information on the products can be found in the EC Safety Data Sheets supplied. The user should also pay strict attention to information and hazard symbols shown on product labels.

## **Waste disposal**

All waste waters must be treated in accordance with national legislation and local regulations prior to discharge to the sewer.

Ic Apr 2001