

### Scope

ARDROX 9PR70 is a water-white, clear, mobile liquid. It is non-chlorinated and has a low sulphur, halogen and alkali metal content. It has a high flash point and is classed as non-flammable.

ARDROX 9PR70 is a solvent penetrant remover used for the removal of both visible red dye and fluorescent penetrants. It can also be used as a solvent pre-cleaner to remove oils and greases.

### Chemicals required

ARDROX 9PR70

### Method of use

For pre-cleaning operations, ARDROX 9PR70 is best used by spray or immersion. However, it may be applied by any other suitable technique, such as brushing or applying via a cloth.

After suitable pre-cleaning, penetrant application and the necessary penetrant contact time, the excess penetrant is removed with a clean, dry, lint-free cloth or tissue. The next stage is to use ARDROX 9PR70 to remove the final traces of excess penetrant from the surface. This is best done by applying ARDROX 9PR70 to a cloth or tissue and then wiping over the surface with the cloth. The application of ARDROX 9PR70 via a cloth should be continued until the cloth picks up virtually no penetrant.

After removal of the excess penetrant, a thin even coat of developer is applied to the components.

When used as a dry cleaning solvent ARDROX 9PR70 may be applied by any of the conventional methods such as spraying, dipping, brushing and swabbing. Soak tanks should be constructed with a lid to minimise solvent losses by evaporation.

### Effects on materials

ARDROX 9PR70 is safe to use on all common metals, including stainless and mild steels, magnesium, aluminium, copper and cadmium. ARDROX 9PR70 may have a softening or swelling effect on some rubbers and plastics. This should be checked before use, where such materials are likely to be encountered.

### Technical information

Appearance:	Clear, water-white, mobile liquid.
Density at 15°C:	0.77 g/ml
Flash point:	60°C

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

Store in a cool dry place suitable for flammable solvents.

## **Equipment materials**

Equipment/tanks should be constructed of stainless steel.

## **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.

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