

**Water displacing corrosion preventative**

**Scope**

ARDROX 3961 is a blend of surfactants, corrosion inhibitors and oil in a petroleum-based solvent. It is designed to have excellent dewatering and penetrating properties and will leave a thin, oily film on articles to which it is applied. This film will impart good corrosion protection.

ARDROX 3961 is not recommended for outdoor storage protection. Other ARDROX products, e.g. ARDROX 3140, are available for long-term protection outdoors.

The following are examples of the uses of the product:

- > Dewatering and temporary corrosion protection after pickling
- > Temporary protection in inter-stage fabrication and storage of parts, sub-assemblies, dies and tools
- > Penetrating fluid for freeing seized components
- > Restoring wet electrical equipment to working order without the necessity for drying out
- > Preservation of gas turbine compressors
- > Maintenance protection of on-site plant and equipment

**Chemicals required**

ARDROX 3961

**Method of use**

The preferred methods of application of ARDROX 3961 are by spraying, brushing or swabbing. It may, however, also be applied by dipping, in which case tanks should be constructed with a sloping or conical bottom so that any water which collects may be easily run off.

ARDROX 3961 is also available in an aerosol pack for ease of application. Extension tubes are supplied with the aerosols so that the product may be sprayed into crevices, recesses etc.

ARDROX 3961 coatings may be removed with white spirit, ARDROX 9PR50A or ARDROX 9PR70.

**Effects on materials**

When used in the prescribed manner ARDROX 3961 will have no deleterious effect on most materials of construction or good quality paint schemes. Some types of rubber, however, will swell after prolonged contact.

**Technical information**

Appearance:	Clear, mobile, straw-coloured liquid.
Density:	0.80 g/ml @ 20 °C.
Coverage:	Approximately 20 m <sup>2</sup> /litre.
Flash point:	>65°C

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

**Equipment materials**

Mild steel is a suitable material for tank construction.

**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.

mec Jul 2004 (Amend Jan 07)