

Scope

ARDROX 666 is a blend of solvents, surfactants and corrosion inhibitors. The product has an aqueous seal to minimise solvent losses by evaporation.

This product will quickly and easily remove hard carbon, sticky gums, varnish and baked on paint. It is therefore of particular value to the automotive, marine, aircraft and electricity generating industries, in the maintenance and overhaul of diesel and petrol engines and other on site plant and equipment.

Chemicals required

ARDROX 666

Method of use

Where components are particularly oily it is desirable to remove this first by the use of ARDROX 610C. This will prevent excessive contamination of the ARDROX 666.

The parts to be cleaned must be totally immersed in the lower layer of ARDROX 666 and should be positioned in baskets so that minimum drag out occurs. Paints and lacquers are usually softened in about 20 to 30 minutes. Sludges of carbon/burnt oil will require a soak of about 1 to 3 hours and hard carbon may necessitate an overnight soak to effect removal.

It is not necessary to leave components in the bath until the contamination is completely removed as indicated by visual examination. The paint or carbon can be removed, after softening has taken place, by high pressure water rinsing or pressure rinsing with kerosene.

The bath should be operated at ambient temperature. It should not be heated or sited adjacent to other hot processes.

Method of control

A separate Method of Control document is available describing the necessary control procedures required to maintain optimum performance from ARDROX 666.

Effects on materials

When ARDROX 666 is used in the prescribed manner, no significant corrosion is likely to be encountered on the following metals: steel, copper, magnesium, cadmium-plated steel, aluminium, nickel or chromium.

ARDROX 666 will not affect chemical conversion coatings such as anodising, phosphating, chromating and black oxidising treatments.

As conditions of use may vary considerably, particularly where dissimilar metals are in close contact, intended users are advised to check their specific requirements in this respect.

ARDROX 666 will degrade the majority of plastics and rubbers.

Technical information

Appearance:	Dark brown, low viscosity, liquid with an upper aqueous seal.
Density:	1.17 g/ml at 20oC (lower layer).
Flash Point:	Non-flammable
pH :	10.6 to 11.0

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

Store in a cool place away from sources of heat.

Equipment materials

Mild steel or stainless steel are suitable materials 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.

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