

ARDROX[®] 3968

Water Displacing Corrosion Preventative

PRIMARY APPLICATION

ARDROX[®] 3968 is a mobile liquid which will completely displace fresh or salt water from metal surfaces. It contains a volatile solvent and when this has evaporated, a very thin oil film remains which gives protection to the metal surface.

In metal finishing operations ARDROX 3968 provides an alternative to oven drying where the presence of the final thin oil film is not considered detrimental. As temporary corrosion prevention is provided, the method allows a delay between various processing systems without the danger of corrosion.

ARDROX 3968 has extremely good spreading and penetrating properties and is, therefore, very suitable as an aid to freeing seized-up parts, particularly if these are wet. Due to its water displacing properties, ARDROX 3968 will rapidly restore electrical equipment which has been subjected to flooding to an operative condition. Typical examples of this are electric motors, switchgear and automobile ignition systems.

APPROVALS

AMS 3065H

CHEMICAL CHARACTERISTICS

| | |
|-----------------------|---|
| Appearance..... | straw brown liquid |
| Specific gravity..... | 0.810 @ 68°F. (20°C) |
| Flash point..... | 140°F (60°C) PMCC |
| Dry film weight..... | approximately 0.002 kg/m ² (2 microns thickness) |

These are typical values and do not constitute a specification.

APPLICATION PROCEDURE

ARDROX 3968 may be applied by any of the conventional methods such as brushing, dipping, spraying or swabbing. Dipping tanks should be constructed with a sloping or conical bottom. During use, water will accumulate at the bottom of the tank and should be periodically run off. Immersion times do not need to exceed five minutes and usually 2-3 minutes is adequate. Agitation of work in dipping processes should be avoided as this will tend to emulsify the displaced water.

EFFECT ON MATERIALS

The product will not affect normal paint systems and is not corrosive to copper. It may cause some swelling of rubbers if they are continually immersed. However, if a thin film is applied, the effect will be minimal and will largely disappear as the solvent evaporates. Mild steel is a suitable material for tank construction.

PRECAUTIONS

- Avoid contact with skin and eyes.
- Wear protective clothing including gloves.
- When spraying use under conditions of reasonable ventilation.
- No smoking or other open flames permitted.
- In case of skin contact wash with soap and water.
- In case of eye contact wash immediately with water and obtain medical advice.

SAFETY AND HANDLING

Prior to handling and use of any of the materials referenced in this document, the Material Safety Data Sheets should be read and understood by all personnel in contact with these materials.

KEEP OUT OF REACH OF CHILDREN

STORAGE

Dry indoor storage at temperatures between 40°F and 100°F is recommended, away from any incompatible materials referenced in the Material Safety Data Sheets. All containers should be tightly closed when not in use.

SHELF LIFE

The shelf life is 3 years.

DISPOSAL

Any disposal of the materials referenced in this document should be in accordance with all applicable federal, state, and local regulations. The process solution can contain components other than those present in the materials as supplied. Analysis of process solutions may be required prior to disposal.

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